

number of such stations reporting thunderstorms (T) and auroras (A) in each State and on each day of the month, respectively.

Thunderstorms.—Reports of 2,563 thunderstorms were received during the current month as against 2,203 in 1899 and 5,736 during the preceding month.

The dates on which the number of reports of thunderstorms for the whole country were most numerous were: 2d, 192; 1st, 152; 3d, 142; 26th, 137.

Reports were most numerous from: Missouri, 243; Illinois, 177; New York, 126; Iowa, 123.

Auroras.—The evenings on which bright moonlight must have interfered with observations of faint auroras are assumed to be the four preceding and following the date of full moon, viz, 4th to 13th.

In Canada.—Auroras were reported as follows: Father Point, 18th, 19th, 28th; Minnedosa, 4th, 16th, 27th, 28th, 30th.

Thunderstorms were reported as follows: Yarmouth, 17th, 18th; Charlottetown, 12th, 22d; Father Point, 27th; Quebec,

3d, 21st, 26th; Montreal, 3d, 6th; Bissell, 16th, 21st; Ottawa, 16th, 21st, 26th, 27th; Kingston, 6th, 16th, 21st, 26th; Toronto, 3d, 6th, 11th, 15th, 16th, 21st, 26th; White River, 2d, 3d, 15th, 25th; Saugeen, 11th, 21st; Parry Sound, 6th, 11th, 12th, 16th, 20th; Port Arthur, 1st, 2d, 4th, 5th; Winnipeg, 22d; Minnedosa, 24th; Qu'Appelle, 9th; Swift Current, 8th, 9th; Hamilton, 18th, 24th, 29th, 30th.

ERRATA.

June REVIEW, 1900, page 243, "Observations at Honolulu," line 18, for "has always been," read "is." Page 250, line 20 from bottom, for "Upsala," read "Christiania." Page 251, column 1, lines 11 and 12 from bottom, for "he" and "ower," read "the" and "lower."

In the article "Forecasting for the Farmer," July, 1900, REVIEW, page 288, first column, fourth paragraph, first line should read "While drying weather is most hoped for," instead of "While drying weather is not hoped for."

DESCRIPTION OF TABLES AND CHARTS.

By ALFRED J. HENRY, Professor of Meteorology.

Table I gives, for about 145 Weather Bureau stations making two observations daily and for about 25 others making only one observation, the data ordinarily needed for climatological studies, viz, the monthly mean pressure, the monthly means and extremes of temperature, the average conditions as to moisture, cloudiness, movement of the wind, and the departures from normals in the case of pressure, temperature, and precipitation, the total depth of snowfall, and the mean wet-bulb temperatures. The altitudes of the instruments above ground are also given.

Table II gives, for about 2,700 stations occupied by voluntary observers, the highest maximum and the lowest minimum temperatures, the mean temperature deduced from the average of all the daily maxima and minima, or other readings, as indicated by the numeral following the name of the station; the total monthly precipitation, and the total depth in inches of any snow that may have fallen. When the spaces in the snow column are left blank it indicates that no snow has fallen, but when it is possible that there may have been snow of which no record has been made, that fact is indicated by leaders, thus (. . .).

Table III gives, for 44 stations selected out of 144 that maintain continuous records, the mean hourly temperatures deduced from the Richard thermographs described and figured in the Report of the Chief of the Weather Bureau, 1891-92, p. 29.

Table IV gives, for 44 stations selected out of 142 that maintain continuous records, the mean hourly pressures as automatically registered by Richard barographs, except for Washington, D. C., where Foreman's barograph is in use. Both instruments are described in the Report of the Chief of the Weather Bureau, 1891-92, pp. 26 and 30.

Table V gives, for about 157 stations, the arithmetical means of the hourly movements of the wind ending with the respective hours, as registered automatically by the Robinson anemometer, in conjunction with an electrical recording mechanism, described and illustrated in the Report of the Chief of the Weather Bureau, 1891-92, p. 19.

Table VI gives, for all stations that make observations at 8 a. m. and 8 p. m., the four component directions and the resultant directions based on these two observations only and without considering the velocity of the wind. The total movement for the whole month, as read from the dial of the

Robinson anemometer, is given for each station in Table I. By adding the four components for the stations comprised in any geographical division the average resultant direction for that division can be obtained.

Table VII gives the total number of stations in each State from which meteorological reports of any kind have been received, and the number of such stations reporting thunderstorms (T) and auroras (A) on each day of the current month.

Table VIII gives, for about 95 stations, the average hourly sunshine (in percentages) as derived from the automatic records made by two essentially different types of instruments, designated, respectively, the thermometric recorder and the photographic recorder. The kind of instrument used at each station is indicated in the table by the letter T or P in the column following the name of the station.

Table IX gives a record of rains whose intensity at some period of the storm's continuance equaled or exceeded the following rates:

| | | | | | | | | | | | | | | |
|------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Duration, minutes.. | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 80 | 100 | 120 |
| Rates pr. hr. (Ins.).. | 3.00 | 1.80 | 1.40 | 1.20 | 1.08 | 1.00 | 0.94 | 0.90 | 0.86 | 0.84 | 0.75 | 0.60 | 0.54 | 0.50 |

In the northern part of the United States, especially in the colder months of the year, rains of the intensities shown in the above table seldom occur. In all cases where no storm of sufficient intensity to entitle it to a place in the full table has occurred, the greatest rainfall of any single storm has been given, also the greatest hourly fall during that storm.

Table X gives, for about 30 stations furnished by the Canadian Meteorological Service, Prof. R. F. Stupart, director, the means of pressure and temperature, total precipitation and depth of snowfall, and the respective departures from normal values, except in the case of snowfall.

Table XI gives the heights of rivers referred to zeros of gages.

NOTES EXPLANATORY OF THE CHARTS.

Chart I, tracks of centers of high areas, and Chart II, tracks of centers of low areas, are constructed in the same way. The roman numerals show number and chronological order of highs (Chart I) and lows (Chart II). The figures

within the circles show the days of the month; the letters *a* and *p* indicate, respectively, the 8 a. m. and 8 p. m., seventy-fifth meridian time, observations. Within each circle is also given (Chart I) the highest barometric reading and (Chart II) the lowest pressure at or near the center at that time.

Chart III.—Total precipitation. The scale of shades showing the depth of rainfall is given on the chart itself. For isolated stations the rainfall is given in inches and tenths, when appreciable; otherwise, a "trace" is indicated by a capital T, and no rain at all, by 0.0.

Chart IV.—Sea-level pressure, temperature, and resultant surface winds. The wind directions on this Chart are the computed resultants of observations at 8 a. m. and 8 p. m., daily; the resultant duration is shown by figures attached to each arrow. The temperatures are the means of daily maxima and minima and are reduced to sea level. The pressures are the means of 8 a. m. and 8 p. m. observations, daily, and are reduced to sea level and to standard gravity. The reduction for 30 inches of the mercurial barometer, as for-

merly shown by the marginal figures for each degree of latitude, has already been applied.

Chart V.—Hydrographs for seven principal rivers of the United States.

Chart VI.—Surface temperatures; maximum, minimum, and mean. Lines of equal monthly mean temperature in red; lines of equal maximum temperature in black; and lines of equal minimum temperature (dotted) also in black.

Chart VII.—Percentage of sunshine. The average cloudiness at each Weather Bureau station is determined by numerous personal observations during the day. The difference between the observed cloudiness and 100, it is assumed, represents the percentage of sunshine, and the values thus obtained have been used in preparing Chart VII.

Chart VIII.—Sea-level pressure, temperature, and resultant surface winds for West Indian stations, constructed as for Chart IV.

Charts IX to XIII.—Galveston hurricane, September 6-9, 1900.

TABLE I.—Climatological data for Weather Bureau Stations, September, 1900.

| Stations. | Elevation of instruments. | | Pressure, in inches. | | Temperature of the air, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | Wind. | | | | | | | | | | | | | | | | | |
|----------------------------|----------------------------------|----------------------------|-------------------------|------------------------|--|----------------------------|------------------------|----------|-------|---------------|---------------------------|-------|---------------|-----------------------|-----------------------|------------------------------------|-----------------------------------|--------|------------------------|------------------------|------------------------|-----------------------|-----------------|------------|-------------|--------------|-----------------------------|-----------------|-----|-----|
| | Barometer above sea level, feet. | Thermometers above ground. | Mean actual 8 a.m. + 2. | Mean reduced. | Departure from normal. | Mean max. + mean min. + 2. | Departure from normal. | Maximum. | Date. | Mean maximum. | Minimum. | Date. | Mean minimum. | Greatest daily range. | Mean wet thermometer. | Mean temperature of the dew-point. | Mean relative humidity, per cent. | Total. | Departure from normal. | Days with 0.1 or more. | Total movement, miles. | Prevailing direction. | Miles per hour. | Direction. | Clear days. | Cloudy days. | Average cloudiness, tenths. | Total snowfall. | | |
| | Anemometer above ground. | Mean + 8 p.m. + 2. | Mean. | Departure from normal. | Mean. | Departure from normal. | Mean. | Maximum. | Date. | Mean. | Minimum. | Date. | Mean. | Range. | Mean. | Mean. | Mean. | Total. | Departure from normal. | Days with 0.1 or more. | Total movement, miles. | Prevailing direction. | Miles per hour. | Direction. | Clear days. | Cloudy days. | Average cloudiness, tenths. | Total snowfall. | | |
| <i>New England.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eastport | 76 | 69 | 74 | 29.96 | 30.04 | + .01 | 63.1 | + 2.3 | 41 | 19 | 51 | 26 | 53 | 52 | 81 | 2.63 | - 0.5 | 6 | 6,329 | sw. | 48 | n.w. | 12 | 13 | 6 | 5.0 | | | | |
| Portland, Me. | 103 | 81 | 89 | 29.93 | 30.03 | - .02 | 57.4 | + 1.6 | 61.4 | 6 | 69 | 41 | 19 | 53 | 56 | 2.56 | - 0.5 | 10 | 4,604 | s. | 39 | n.w. | 12 | 15 | 5 | 4.5 | | | | |
| Northfield | 87.5 | 15 | 65 | 29.14 | 30.07 | - .00 | 57.9 | + 1.9 | 89 | 3 | 70 | 29 | 19 | 46 | 39 | 54 | 51 | 83 | 2.59 | - 0.2 | 11 | 5,450 | s. | 41 | sw. | 12 | 5 | 13 | 6.4 | |
| Boston | 125 | 115 | 181 | 29.93 | 30.07 | + .01 | 65.0 | + 2.6 | 91 | 6 | 72 | 41 | 19 | 58 | 26 | 60 | 57 | 77 | 4.82 | + 1.7 | 7 | 6,871 | sw. | 52 | w. | 12 | 10 | 8 | 4.8 | |
| Nantucket | 12 | 43 | 54 | 30.06 | 30.07 | - .01 | 64.6 | + 1.9 | 82 | 4 | 70 | 47 | 20 | 59 | 17 | 61 | 59 | 83 | 2.59 | - 0.7 | 4 | 6,967 | sw. | 48 | n. | 18 | 9 | 10 | 5.9 | |
| Block Island | 26 | 11 | 70 | 30.05 | 30.08 | + .01 | 66.2 | + 2.6 | 82 | 12 | 72 | 50 | 18 | 61 | 23 | 62 | 59 | 81 | 2.26 | - 0.6 | 5 | 9,930 | sw. | 45 | n.w. | 18 | 14 | 11 | 5.7 | |
| Narragansett | 10 | ..... | ..... | ..... | ..... | ..... | 65.2 | + 3.0 | 84 | 12 | 73 | 44 | 19 | 57 | 31 | 27 | 59 | 80 | 2.79 | - 0.4 | 6 | ..... | se. | ..... | ..... | 20 | 4 | 6 | 4.6 | |
| New Haven | 106 | 117 | 140 | 29.96 | 30.07 | - .01 | 66.8 | + 3.3 | 89 | 6 | 76 | 43 | 20 | 58 | 28 | 62 | 50 | 79 | 2.10 | - 1.6 | 7 | 5,829 | sw. | 42 | w. | 12 | 16 | 11 | 3 | 9.8 |
| <i>Mid. Allan States.</i> | | | | | | | 71.8 | + 4.8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 76 | 2.80 | - 1.0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.5 | | |
| Albany | 97 | 84 | 113 | 29.97 | 30.08 | + .03 | 67.6 | + 4.5 | 91 | 3 | 77 | 40 | 19 | 58 | 27 | 59 | 55 | 70 | 0.74 | - 2.7 | 7 | 5,115 | s. | 34 | sw. | 12 | 9 | 12 | 9 | 5.4 |
| Binghamton | 87.5 | 79 | 90 | 29.75 | 30.08 | - .00 | 65.0 | + 4.0 | 92 | 11 | 77 | 31 | 19 | 53 | 37 | 2.10 | - 1.2 | 8 | 3,903 | n. | 42 | n. | 6 | 10 | 7 | 13 | 5.9 | | | |
| New York | 314 | 108 | 346 | 29.75 | 30.08 | - .00 | 70.8 | + 4.9 | 90 | 6 | 77 | 53 | 18 | 65 | 18 | 63 | 59 | 72 | 2.36 | - 1.4 | 5 | 8,630 | n.w. | 65 | w. | 12 | 11 | 10 | 9 | 5.0 |
| Harrisburg | 374 | 94 | 104 | 29.97 | 30.09 | - .00 | 70.8 | + 6.4 | 92 | 11 | 79 | 44 | 19 | 62 | 29 | 26 | 64 | 60 | 1.41 | - 2.7 | 6 | 3,839 | ne. | 31 | w. | 12 | 11 | 10 | 7 | 4.6 |
| Philadelphia | 117 | 168 | 184 | 29.97 | 30.09 | - .00 | 72.4 | + 5.3 | 90 | 6 | 80 | 50 | 19 | 65 | 25 | 64 | 60 | 72 | 6.31 | + 3.0 | 5 | 6,023 | n.w. | 33 | n.w. | 18 | 14 | 7 | 9 | 5.0 |
| Scranton | 805 | 111 | 119 | 29.97 | 30.09 | - .00 | 67.2 | + 1.2 | 91 | 11 | 78 | 35 | 19 | 56 | 35 | 21 | 68 | 81 | 1.73 | - 1.1 | 11 | 4,514 | ne. | 38 | w. | 12 | 11 | 12 | 7 | 5.0 |
| Atlantic City | 52 | 68 | 76 | 30.04 | 30.09 | + .03 | 70.2 | + 3.5 | 88 | 12 | 75 | 49 | 19 | 65 | 21 | 68 | 64 | 81 | 1.42 | - 2.1 | 9 | 6,655 | sw. | 36 | sw. | 16 | 11 | 13 | 8 | 4.4 |
| Cape May | 17 | 47 | 51 | 30.08 | 30.10 | + .03 | 71.9 | + 3.8 | 83 | 12 | 77 | 49 | 19 | 67 | 17 | 66 | 68 | 81 | 1.31 | - 2.6 | 5 | 5,009 | s. | 27 | w. | 17 | 11 | 14 | 5 | 4.5 |
| Baltimore | 123 | 68 | 82 | 29.95 | 30.08 | - .00 | 73.8 | + 5.9 | 95 | 11 | 82 | 50 | 19 | 66 | 27 | 69 | 68 | 85 | 4.26 | + 0.4 | 3 | 3,176 | se. | 20 | w. | 12 | 11 | 10 | 9 | 5.1 |
| Washington | 112 | 59 | 76 | 29.97 | 30.08 | - .01 | 73.6 | + 5.8 | 97 | 11 | 83 | 45 | 19 | 64 | 29 | 66 | 63 | 76 | 4.61 | + 0.9 | 8 | 3,768 | s. | 30 | n.w. | 12 | 15 | 6 | 4.2 | |
| Cape Henry | 5 | 34 | ..... | ..... | ..... | ..... | 75.4 | + 3.6 | 99 | 9 | 83 | 57 | 20 | 68 | 27 | 69 | 67 | 72 | 2.44 | - 2.1 | 6 | 7,456 | s. | 40 | n.w. | 17 | 19 | 6 | 5.3 | |
| Lynchburg | 681 | 83 | 88 | 29.98 | 30.09 | + .03 | 74.2 | + 5.2 | 98 | 9 | 85 | 50 | 19 | 63 | 31 | 65 | 61 | 72 | 4.78 | + 1.0 | 8 | 2,054 | se. | 23 | n.w. | 15 | 16 | 10 | 4 | 3.6 |
| Norfolk | 91 | 102 | 111 | 30.00 | 30.10 | + .03 | 76.0 | + 4.9 | 98 | 10 | 84 | 57 | 19 | 67 | 25 | 69 | 66 | 80 | 1.93 | - 2.6 | 5 | 5,135 | se. | 37 | n.w. | 16 | 21 | 5 | 4 | 3.2 |
| Richmond | 144 | 82 | 90 | 29.97 | 30.09 | - .00 | 75.6 | + 5.6 | 98 | 9 | 86 | 54 | 19 | 66 | 27 | 69 | 67 | 78 | 4.03 | - 1.2 | 7 | 3,031 | s. | 17 | sw. | 12 | 17 | 8 | 5 | 4.1 |
| <i>S. Atlantic States.</i> | | | | | | | 77.8 | + 3.8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 78 | 2.47 | - 2.8 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3.1 | | |
| Charlotte | 773 | 68 | 76 | 29.29 | 30.08 | + .02 | 76.4 | + 5.3 | 95 | 10 | 87 | 53 | 18 | 66 | 27 | 66 | 62 | 70 | 0.73 | - 2.6 | 5 | 3,538 | ne. | 21 | s. | 18 | 23 | 4 | 3 | 2.5 |
| Hatteras | 11 | 17 | 36 | 30.09 | 30.10 | + .06 | 77.2 | + 3.5 | 87 | 14 | 82 | 61 | 19 | 72 | 14 | 71 | 69 | 79 | 1.03 | - 5.4 | 4 | 7,395 | ne. | 32 | n.w. | 23 | 22 | 1 | 1 | 2.4 |
| Kittyhawk | 8 | 12 | 30 | 29.97 | 30.09 | - .00 | 75.2 | + 1.8 | 92 | 11 | 81 | 59 | 18 | 69 | 18 | 70 | 68 | 74 | 1.74 | - 2.9 | 4 | 7,625 | ne. | 27 | ..... | 24 | 1 | 9 | 1 | 2.7 |
| Raleigh | 376 | 93 | 101 | 29.72 | 30.10 | + .03 | 75.8 | + 5.3 | 96 | 12 | 86 | 53 | 18 | 66 | 26 | 68 | 64 | 74 | 2.13 | - 1.1 | 6 | 2,987 | s. | 17 | ne. | 27 | 20 | 1 | 1 | 2.7 |
| Wilmington | 78 | 82 | 90 | 30.02 | 30.10 | + .06 | 76.6 | + 3.0 | 94 | 18 | 86 | 56 | 19 | 67 | 26 | 70 | 68 | 82 | 2.38 | - 4.0 | 6 | 4,644 | ne. | 27 | sw. | 15 | 20 | 9 | 1 | 2.6 |
| Charleston | 48 | 14 | 92 | 30.05 | 30.10 | + .07 | 79.6 | + 3.6 | 93 | 17 | 85 | 64 | 18 | 74 | 21 | 73 | 70 | 78 | 2.94 | - 4.2 | 8 | 7,693 | e. | 36 | e. | 6 | 14 | 14 | 2 | 3.9 |
| Columbia | 5 | ..... | ..... | ..... | ..... | ..... | 79.0 | + 5.2 | 100 | 13 | 90 | 55 | 19 | 68 | 32 | 60 | 70 | 76 | 8.29 | - 0.8 | 5 | 3,365 | s. | 28 | sw. | 13 | 22 | 5 | 3 | 2.5 |
| Augusta | 180 | 89 | 103 | 29.89 | 30.08 | + .06 | 78.9 | + 4.5 | 95 | 15 | 89 | 55 | 18 | 69 | 29 | 70 | 68 | 76 | 2.32 | - 1.6 | 5 | 3,365 | s. | 28 | sw. | 13 | 22 | 5 | 3 | 2.5 |
| Savannah | 65 | 79 | 89 | 30.01 | 30.07 | + .04 | 79.3 | + 3.5 | 96 | 25 | 87 | 50 | 19 | 71 | 24 | 74 | 72 | 73 | 4.39 | - 1.7 | 11 | 4,822 | e. | 30 | sw. | 15 | 15 | 12 | 8 | 3.5 |
| Jacksonville | 43 | 69 | 84 | 30.00 | 30.05 | + .06 | 80.4 | + 2.8 | 96 | 25 | 88 | 63 | 19 | 72 | 28 | 74 | 72 | 74 | 4.39 | - 4.1 | 16 | 4,944 | e. | 24 | se. | 13 | 12 | 10 | 8 | 5.1 |
| <i>Florida Peninsula.</i> | | | | | | | 81.4 | + 0.9 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 72 | 7.49 | - 0.3 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 5.1 | | |
| Jupiter | 28 | 13 | 30 | 29.95 | 29.98 | + .02 | 81.7 | + 2.1 | 92 | 18 | 77 | 73 | 29 | 77 | 15 | 77 | 72 | 82 | 7.63 | - 2.1 | 13 | 8,734 | ne. | 48 | e. | 6 | 10 | 13 | 7 | 5.3 |
| Key West | 22 | 43 | 59 | 29.92 | 29.94 | - .00 | 81.4 | + 1.1 | 88 | 8 | 86 | 61 | 11 | 77 | 12 | 78 | 74 | 82 | 4.86 | - 1.3 | 10 | 5,165 | ne. | 28 | ne. | 5 | 5 | 19 | 6 | 5.7 |
| Tampa | 34 | 60 | 67 | 29.96 | 30.00 | + .02 | 81.2 | + 1.6 | 93 | 30 | 89 | 68 | 28 | 74 | 21 | 74 | 73 | 75 | 4.22 | - 0.0 | 10 | 5,165 | ne. | 28 | ne. | 5 | 5 | 19 | 6 | 5.7 |
| <i>East Gulf States.</i> | | | | | | | 80.0 | + 4.0 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 80 | 2.84 | - 1.2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4.6 | | |
| Atlanta | 1,174 | 189 | 156 | 28.88 | 30.08 | + .01 | 76.1 | + 4.6 | 94 | 12 | 85 | 50 | 18 | 67 | 24 | 67 | 64 | 72 | 3.63 | - 0.1 | 4 | 6,219 | e. | 34 | e. | 22 | 18 | 8 | 4 | 3.8 |
| Macon | 370 | 93 | 99 | 29.97 | 30.08 | - .00 | 77.5 | + 5.5 | 98 | 28 | 88 | 54 | 18 | 67 | 23 | 70 | 68 | 72 | 3.25 | - 0.2 | 10 | 3,892 | e. | 22 | ne. | 17 | 21 | 11 | 7 | 4.5 |
| Pensacola | 56 | 78 | 90 | 29.97 | 30.08 | - .00 | 80.7 | + 3.2 | 95 | 16 | 88 | 66 | 19 | 74 | 19 | 70 | 70 | 73 | 3.18 | - 1.6 | 7 | 4,388 | ne. | 36 | se. | 13 | 22 | 4 | 4 | 2.8 |
| Mobile | 57 | 88 | 96 | 29.96 | 30.02 | | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE I.—Climatological data for Weather Bureau Stations, September, 1900—Continued.

| Stations. | Elevation of instruments | | Pressure, in inches. | | Temperature of the air, in degrees Fahrenheit. | | | | | | Precipitation, in inches. | | Wind. | | | | | | | | | | | | | | | | | |
|---------------------------|----------------------------------|----------------------------|-----------------------------------|---------------|--|----------------------------|------------------------|----------|-------|---------------|---------------------------|---------------|-----------------------|-----------------------|------------------------------------|-------------------------|--------|------------------------|------------------------|------------------------|--------------------------|-----------------|-------------------|-------------|--------------|-----------------------------|-----------------|------|--------|------|
| | Barometer above sea level, feet. | Thermometers above ground. | Mean actual, 8 a.m. + 8 p.m. + 2. | Mean reduced. | Departure from normal. | Mean max. + mean min. + 2. | Departure from normal. | Maximum. | Date. | Mean maximum. | Date. | Mean minimum. | Greatest daily range. | Mean wet thermometer. | Mean temperature of the dew-point. | Mean relative humidity. | Total. | Departure from normal. | Days with 0.1 or more. | Total movement, miles. | Precipitation direction. | Miles per hour. | Maximum velocity. | Clear days. | Cloudy days. | Average cloudiness, tenths. | Total snowfall. | | | |
| | Anemometer above ground. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Upper Mis. Valley.</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Minneapolis | 99 | 208 | ..... | ..... | ..... | 67.5 | + 2.6 | 93 | 5 | 70 | 86 | 27 | 52 | 80 | 55 | 76 | 4.73 | + 1.5 | 12 | 7,618 | n.w. | 34 | se. | 24 | 9 | 10 | 4.8 | | | |
| St. Paul | 83 | 124 | 29.06 | 30.02 | + .03 | 61.5 | + 0.7 | 93 | 5 | 57 | 54 | 23 | 55 | 52 | 76 | 4.44 | + 4.9 | 23 | 5,653 | s. | 28 | se. | 29 | 10 | 10 | 5.5 | | | | |
| La Crosse | 714 | 70 | 78 | ..... | ..... | 63.4 | + 1.8 | 93 | 5 | 55 | 72 | 40 | 27 | 54 | 28 | 55 | 76 | 4.71 | + 0.5 | 14 | 4,944 | s. | 30 | n.w. | 11 | 9 | 10 | 5.6 | | |
| Davenport | 606 | 71 | 79 | 29.39 | 30.04 | + .01 | 66.9 | + 2.2 | 91 | 5 | 56 | 76 | 38 | 17 | 57 | 60 | 56 | 76 | 3.66 | + 0.5 | 13 | 5,054 | se. | 44 | sw. | 11 | 16 | 6 | 4.0 | |
| Des Moines | 861 | 84 | 88 | 29.12 | 30.04 | + .04 | 65.4 | + 1.3 | 93 | 5 | 55 | 76 | 40 | 17 | 51 | 53 | 60 | 58 | 74 | 3.34 | + 0.5 | 9 | 5,571 | sw. | 33 | sw. | 24 | 10 | 8 | 2.5 |
| Dubuque | 698 | 101 | 109 | 29.30 | 30.04 | + .02 | 65.4 | + 2.2 | 92 | 5 | 55 | 75 | 38 | 18 | 56 | 51 | 58 | 54 | 74 | 3.34 | + 0.8 | 12 | 5,300 | se. | 42 | n.w. | 11 | 12 | 11 | 7.45 |
| Keokuk | 614 | 63 | 68 | 29.39 | 30.04 | + .02 | 68.6 | + 2.2 | 92 | 5 | 55 | 75 | 38 | 17 | 59 | 52 | 57 | 75 | 5.02 | + 1.5 | 11 | 5,196 | se. | 46 | w. | 11 | 15 | 9 | 8.8 | |
| Cairo | 326 | 87 | 93 | 29.69 | 30.07 | + .04 | 75.8 | + 5.9 | 95 | 8 | 84 | 53 | 17 | 68 | 63 | 68 | 66 | 78 | 2.40 | + 0.2 | 9 | 4,317 | se. | 30 | sw. | 11 | 8 | 14 | 5.4 | |
| Springfield, Ill. | 644 | 82 | 92 | 29.39 | 30.06 | + .02 | 69.6 | + 3.2 | 92 | 9 | 90 | 49 | 17 | 60 | 30 | 62 | 58 | 74 | 5.15 | + 2.0 | 11 | 5,020 | s. | 38 | sw. | 11 | 14 | 10 | 4.2 | |
| Hannibal | 534 | 75 | 110 | 29.39 | 30.06 | + .02 | 70.2 | + 3.5 | 98 | 9 | 80 | 49 | 17 | 60 | 34 | 66 | 68 | 73 | 4.57 | + 2.1 | 11 | 5,976 | sw. | 45 | s. | 11 | 14 | 11 | 5.42 | |
| St. Louis | 567 | 111 | 210 | 29.46 | 30.05 | + .02 | 74.1 | + 4.7 | 95 | 9 | 83 | 49 | 17 | 66 | 25 | 66 | 68 | 75 | 2.68 | + 0.4 | 9 | 6,077 | s. | 48 | sw. | 11 | 14 | 8 | 8.48 | |
| <i>Missouri Valley.</i> | | | | | | 66.3 | + 1.2 | 70.6 | 9 | 80 | 45 | 17 | 61 | 33 | 63 | 68 | 73 | 4.00 | + 1.6 | 7 | 5,049 | s. | 54 | s. | 14 | 12 | 11 | 7.47 | | |
| Columbia | 784 | 4 | 84 | ..... | ..... | 71.0 | + 2.5 | 93 | 6 | 81 | 43 | 17 | 61 | 30 | 36 | 59 | 73 | 3.14 | + 0.5 | 10 | 5,280 | se. | 32 | sw. | 11 | 12 | 11 | 7.46 | | |
| Kansas City | 963 | 78 | 95 | 29.02 | 30.02 | + .02 | 71.0 | + 2.0 | 80 | 6 | 80 | 46 | 17 | 62 | 38 | 59 | 73 | 7.38 | + 3.9 | 13 | 5,923 | se. | 34 | sw. | 11 | 12 | 12 | 5.4 | | |
| Springfield, Mo. | 1,324 | 100 | 103 | 28.65 | 30.02 | + .01 | 72.4 | + 4.7 | 90 | 6 | 80 | 49 | 17 | 65 | 21 | 66 | 65 | 83 | 5.48 | + 1.4 | 14 | 6,600 | se. | 33 | n. | 16 | 8 | 14 | 5.1 | |
| Topeka | 81 | ..... | ..... | ..... | ..... | 70.6 | + 1.9 | 95 | 8 | 80 | 45 | 17 | 62 | 33 | 63 | 68 | 73 | 7.47 | + 4.8 | 14 | 5,290 | se. | 31 | ..... | 11 | 15 | 6 | 4.8 | | |
| Lincoln | 1,189 | 75 | 84 | 28.72 | 29.97 | - .03 | 67.2 | + 1.1 | 94 | 5 | 76 | 42 | 17 | 57 | 36 | 59 | 66 | 73 | 1.92 | + 0.0 | 7 | 7,745 | se. | 56 | n. | 11 | 12 | 10 | 7.46 | |
| Omaha | 1,105 | 115 | 121 | 28.82 | 29.98 | - .02 | 66.8 | + 2.0 | 94 | 5 | 76 | 42 | 17 | 58 | 31 | 60 | 57 | 77 | 3.60 | + 0.7 | 8 | 5,710 | se. | 45 | n.w. | 11 | 12 | 12 | 5.44 | |
| Valentine | 2,598 | 39 | 40 | 27.29 | 29.97 | - .04 | 61.7 | + 0.1 | 95 | 7 | 73 | 29 | 28 | 50 | 41 | 52 | 64 | 66 | 0.86 | + 0.1 | 8 | 4,405 | s. | 48 | sw. | 11 | 15 | 7 | 8.47 | |
| Sioux City | 1,185 | 96 | 164 | ..... | ..... | 62.8 | - 2.4 | 92 | 8 | 74 | 35 | 17 | 52 | 35 | 33 | 56 | 64 | 4.54 | + 4.5 | 8 | 9,072 | se. | 70 | se. | 14 | 17 | 9 | 4.87 | | |
| Pierre | 1,572 | 11 | 19 | 28.31 | 29.95 | - .04 | 62.1 | - 1.6 | 98 | 1 | 73 | 29 | 27 | 51 | 39 | 52 | 64 | 64 | 2.69 | + 1.7 | 11 | 9,546 | se. | 48 | n.w. | 11 | 13 | 10 | 4.7 | |
| Huron | 1,306 | 56 | 67 | 28.58 | 29.97 | - .03 | 60.0 | - 0.1 | 91 | 9 | 72 | 26 | 27 | 48 | 45 | 53 | 58 | 74 | 2.39 | + 1.0 | 12 | 9,675 | se. | 34 | se. | 24 | 15 | 9 | 4.45 | |
| Yankton | 1,293 | 52 | 58 | ..... | ..... | 63.3 | + 1.2 | 97 | 8 | 75 | 31 | 27 | 52 | 40 | 54 | 63 | 73 | 3.43 | + 0.6 | 7 | 6,049 | s. | 14 | 12 | 11 | 7.47 | 4.6 | | | |
| <i>Northern Slope.</i> | | | | | | 57.1 | - 1.0 | 60 | 8 | 76 | 34 | 26 | 43 | 39 | 47 | 42 | 71 | 65 | 1.74 | + 0.8 | 10 | 6,844 | sw. | 35 | w. | 24 | 13 | 7 | 10.5.1 | |
| Havre | 2,505 | 46 | 47 | 27.84 | 29.97 | + .01 | 53.4 | - 1.5 | 82 | 6 | 64 | 19 | 26 | 43 | 48 | 42 | 71 | 2.21 | + 1.0 | 14 | 6,844 | sw. | 24 | 13 | 7 | 10 | 5.1 | 0.3 | | |
| Miles City | 2,371 | 42 | 50 | 27.44 | 29.90 | - .08 | 57.8 | - 2.2 | 80 | 6 | 69 | 28 | 27 | 47 | 38 | 52 | 49 | 83 | 2.00 | + 1.3 | 7 | 5,145 | n. | 36 | n.w. | 24 | 12 | 12 | 5.2 | |
| Helena | 4,110 | 88 | 93 | 25.82 | 29.99 | - .00 | 59.0 | - 2.8 | 80 | 3 | 63 | 20 | 26 | 43 | 44 | 56 | 61 | 73 | 1.39 | + 0.2 | 12 | 5,794 | sw. | 38 | n. | 11 | 12 | 12 | 5.2 | |
| Kalispell | 2,965 | 45 | 51 | 26.92 | 29.99 | - .00 | 51.9 | ..... | 80 | 7 | 62 | 24 | 26 | 42 | 35 | 46 | 40 | 69 | 3.02 | ..... | 10 | 4,844 | n.w. | 25 | n. | 8 | 9 | 5 | 6.0 | |
| Rapid City | 3,234 | 46 | 50 | 26.59 | 29.88 | - .08 | 60.0 | - 1.4 | 92 | 4 | 71 | 29 | 26 | 49 | 40 | 51 | 45 | 65 | 2.09 | + 1.5 | 9 | 6,825 | n.w. | 45 | w. | 4 | 14 | 11 | 5.41 | |
| Cheyenne | 6,088 | 56 | 64 | 24.04 | 29.95 | - .05 | 56.2 | - 1.0 | 90 | 0 | 85 | 35 | 26 | 39 | 44 | 39 | 51 | 63 | 2.19 | + 1.3 | 4 | 3,201 | s. | 39 | n.w. | 19 | 13 | 12 | 5.42 | |
| North Platte | 2,821 | 43 | 52 | 27.09 | 29.37 | - .01 | 60.9 | + 2.5 | 98 | 8 | 78 | 35 | 27 | 52 | 46 | 55 | 48 | 63 | 0.25 | + 1.0 | 3 | 7,214 | se. | 34 | se. | 23 | 12 | 14 | 4.48 | |
| <i>Middle Slope.</i> | | | | | | 68.6 | + 1.3 | 70.6 | 9 | 80 | 45 | 17 | 62 | 36 | 55 | 66 | 76 | 3.68 | + 2.0 | 7 | 5,049 | s. | 36 | sw. | 4 | 14 | 11 | 5.41 | | |
| Denver | 6,291 | 79 | 151 | 24.74 | 29.95 | + .01 | 61.7 | - 0.2 | 90 | 8 | 76 | 34 | 26 | 48 | 42 | 48 | 45 | 74 | 0.87 | + 0.1 | 5 | 5,617 | s. | 36 | sw. | 4 | 14 | 11 | 5.41 | |
| Pueblo | 4,685 | 80 | 86 | 25.30 | 29.93 | - .00 | 63.8 | - 1.4 | 91 | 7 | 78 | 33 | 29 | 49 | 49 | 46 | 57 | 73 | 4.769 | + 0.3 | 2 | 4,769 | se. | 36 | n. | 24 | 10 | 14 | 3.7 | |
| Concordia | 1,398 | 42 | 52 | 28.52 | 29.98 | - .00 | 69.8 | + 2.0 | 99 | 5 | 80 | 43 | 29 | 60 | 35 | 61 | 58 | 73 | 3.59 | + 1.2 | 7 | 6,024 | se. | 31 | s. | 24 | 10 | 8 | 6.50 | |
| Dodge | 2,509 | 44 | 52 | 27.39 | 29.91 | - .01 | 50.0 | + 2.4 | 95 | 6 | 81 | 38 | 29 | 50 | 38 | 38 | 60 | 73 | 8.149 | + 3.3 | 8 | 6,108 | s. | 38 | n.w. | 14 | 13 | 9 | 8.49 | |
| Wichita | 1,358 | 78 | 85 | 28.58 | 29.98 | + .01 | 72.2 | + 2.2 | 100 | 6 | 82 | 46 | 29 | 53 | 43 | 50 | 60 | 75 | 5.84 | + 3.0 | 11 | 6,108 | s. | 37 | se. | 10 | 9 | 7 | 6.0 | |
| Oklahoma | 1,214 | 54 | 62 | 28.70 | 29.96 | - .01 | 74.4 | + 2.8 | 97 | 15 | 84 | 51 | 17 | 65 | 30 | 68 | 70 | 76 | 7.245 | + 4.4 | 14 | 6,976 | s. | 37 | se. | 10 | 9 | 7 | 4.5 | |
| <i>Southern Slope.</i> | | | | | | 72.9 | + 1.9 | 73.6 | 15 | 84 | 51 | 27 | 68 | 65 | 55 | 66 | 73 | 7.45 | + 5.2 | 7 | 5,029 | s. | 37 | se. | 10 | 9 | 7 | 4.5 | | |
| Abilene | 1,738 | 45 | 54 | 28.16 | 29.93 | - .05 | 77.2 | + 2.6 | 95 | 16 | 85 | 57 | 27 | 68 | 65 | 68 | 73 | 9.65 | + 7.2 | 8 | 6,438 | se. | 34 | n.w. | 9 | 14 | 10 | 6.48 | | |
| Amarillo | 3,876 | 54 | 61 | 26.27 | 29.94 | - .03 | 68.6 | + 1.2 | 91 | 14 | 80 | 41 | 27 | 58 | 56 | 60 | 70 | 5.25 | + 8.1 | 3 | 10,223 | s. | 50 | s. | 24 | 14 | 10 | 8.42 | | |
| <i>Southern Plateau.</i> | | | | | | 69.9 | - 1.1 | 71.2 | 15 | 84 | 51 | 27 | 68 | 65 | 68 | 73 | 7.16 | + 1.0 | 8 | 6,356 | e. | 51 | n.w. | 23 | 14 | 11 | 8.30 | | | |
| El Paso | 3,762 | 10 | 110 | 26.15 | 29.86 | - .08 | 60.8 | + 0.5 | 78 | 16 | 70</td | | | | | | | | | | | | | | | | | | | |

TABLE II.—Climatological record of voluntary and other cooperating observers, September, 1900.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|-----------------------|-------------------------------|----------|-------|--------------------------|-------------------------|----------------|-------------------------------|----------|-------|--------------------------|-------------------------|----------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| <i>Alabama.</i> | | | | | | | | | | | | | | | | | |
| Ashville..... | 94 | 50 | 75.8 | 5.35 | In. | Tucson..... | 100 | 50 | 76.6 | 0.85 | In. | Eleajon..... | 98 | 37 | 65.3 | In. | In. |
| Bermuda..... | 97 | 60 | 79.6 | 6.89 | | Vail *..... | 99 | 60 | 77.0 | 2.14 | | Elsuore..... | 102 | 44 | 68.6 | T. | |
| Birmingham..... | 94 | 53 | 79.3 | 3.75 | | Willcox *..... | 91 | 58 | 76.4 | 1.97 | | Escondido..... | 98 | 32 | 62.2 | 0.03 | |
| Brewton..... | 100 | 55 | 80.6 | 6.11 | | Winslow..... | 88 | 32 | 64.8 | 0.46 | | Fallbrook..... | 94 | 42 | 65.6 | 0.06 | |
| Bridgeport..... | | | | 2.20 | | Yarnell..... | | | | 0.13 | | Fordyce Dam..... | | | | 1.32 | |
| Citronelle..... | 98 | 63 | 80.5 | 4.39 | | | | | | | | Fort Ross..... | 88 | 40 | 61.2 | 0.11 | |
| Clanton..... | 89 | 55 | 75.0 | 4.88 | | | | | | | | Fort Tejon..... | | | | 0.17 | |
| Daphne *..... | 97 | 68 | 78.9 | 3.06 | | | | | | | | Georgetown..... | 91 | 42 | 62.6 | 1.00 | |
| Decatur..... | 94 | 48 | 76.7 | 1.96 | | | | | | | | Gilroy (near)..... | 104 | 36 | 65.4 | 0.00 | |
| Demopolis..... | | | | 4.28 | | | | | | | | Goshen *..... | 95 | 48 | 70.1 | 0.25 | |
| Enfaula *..... | 98 | 52 | 79.0 | 2.42 | | | | | | | | Grand Island *..... | 99 | 49 | 70.3 | 0.05 | |
| Kutaw..... | 98 | 58 | 80.3 | 3.52 | | | | | | | | Grass Valley..... | | | | 0.72 | |
| Florence a..... | | | | 1.55 | | | | | | | | Greenville..... | 95 | 20 | 55.6 | T. | |
| Florence b..... | 95 | 48 | 77.5 | 2.08 | | | | | | | | Hanford..... | 95 | 40 | 66.9 | 0.00 | |
| Fort Deposit..... | 97 | 58 | 78.1 | 2.21 | | | | | | | | Healdsburg..... | 106 | 33 | 64.2 | 0.07 | |
| Gadsden..... | 98 | 50 | 78.4 | 5.59 | | | | | | | | Hollister..... | 100 | 38 | 64.2 | 0.00 | |
| Goodwater..... | 96 | 54 | 78.0 | 3.44 | | | | | | | | Humboldt L. H..... | | | | 0.19 | |
| Greensboro..... | 92 | 58 | 78.4 | 4.66 | | | | | | | | Indio *..... | 101 | 63 | 77.5 | 0.08 | |
| Hamilton..... | 94 | 52 | 74.1 | 5.00 | | | | | | | | Iowa Hill *..... | 86 | 50 | 61.3 | 0.99 | |
| Healing Springs..... | 94 | 56 | 77.9 | 8.23 | | | | | | | | Irvine..... | 104 | 58 | 74.0 | 0.00 | |
| Highland Home..... | 94 | 59 | 78.0 | 2.73 | | | | | | | | Jackson (near)..... | 88 | 42 | 62.6 | 0.41 | |
| Livingston a..... | 93 | 58 | 78.5 | 2.46 | | | | | | | | Jolon..... | | | | 0.00 | |
| Lov E No. 4..... | 94 | 51 | 76.1 | 4.43 | | | | | | | | Kennedy Gold Mine..... | 88 | 41 | 62.0 | 0.35 | |
| Madison Station..... | 96 | 48 | 77.6 | 2.85 | | | | | | | | Kent..... | | | | 0.60 | |
| Maplegrove..... | 97 | 56 | 76.6 | 6.58 | | | | | | | | King City *..... | 96 | 43 | 60.5 | 0.00 | |
| Marion..... | 98 | 58 | 80.2 | 8.55 | | | | | | | | Kingsburg *..... | 91 | 62 | 69.2 | 0.00 | |
| Newbern..... | 92 | 58 | 78.7 | 4.78 | | | | | | | | Kono Tayee..... | 88 | 50 | 65.6 | T. | |
| Newton..... | 93 | 62 | 76.6 | 2.16 | | | | | | | | Lamesa..... | 99 | 43 | 68.2 | T. | |
| Oneonta..... | 89 | 48 | 74.3 | 5.72 | | | | | | | | Lankershim..... | 79 | 34 | 50.4 | 0.61 | |
| Opelika..... | 94 | 57 | 73.0 | 6.16 | | | | | | | | Las Fuentes Ranch..... | | | | T. | |
| Oxanna..... | 93 | 51 | 77.0 | 4.69 | | | | | | | | Lestrand..... | 99 | 40 | 68.0 | 0.00 | |
| Pineapple..... | 96 | 57 | 79.5 | 4.03 | | | | | | | | Lemoncove..... | 101 | 46 | 70.6 | 0.00 | |
| Prattville * | 95 | 55 | 78.3 | | | | | | | | | Lemoore a *..... | 94 | 47 | 69.5 | 0.00 | |
| Pu-hmataha..... | 95 | 58 | 79.2 | 4.71 | | | | | | | | Lick Observatory..... | 78 | 38 | 56.3 | 0.08 | |
| Riverton..... | 94 | 50 | 76.6 | 1.46 | | | | | | | | Lime Point L. H..... | | | | 0.67 | |
| Scottsboro..... | 92 | 46 | 75.1 | 6.21 | | | | | | | | Lodi..... | 97 | 42 | 67.0 | 0.12 | |
| Selma..... | 96 | 56 | 78.8 | 4.00 | | | | | | | | Los Gatos b..... | 99 | 44 | 65.6 | 0.05 | |
| Talladega..... | 95* | 52 | 75.9 | 5.68 | | | | | | | | Mammoth *..... | 101 | 62 | 80.0 | 0.20 | |
| Tallassee..... | | | | 3.20 | | | | | | | | Manzana..... | 90 | 46 | 67.6 | 0.10 | |
| Thomaseville..... | 97 | 58 | 77.7 | 5.35 | | | | | | | | Mare Island L. H..... | | | | 0.14 | |
| Tucaloosa..... | 98 | 55 | 78.5 | 3.31 | | | | | | | | Merced b..... | 100 | 41 | 68.0 | T. | |
| Tuscumbia..... | 94 | 51 | 77.8 | 1.91 | | | | | | | | Mills College..... | | | | T. | |
| Tuskegee..... | 97 | 52 | 78.7 | 0.46 | | | | | | | | Milo..... | | | | 0.10 | |
| Union Springs..... | 96 | 57 | 79.5 | 1.15 | | | | | | | | Milton (near)..... | 95 | 50 | 69.7 | 0.17 | |
| Unlontown..... | 97 | 56 | 78.4 | 2.75 | | | | | | | | Modesto *..... | 102 | 50 | 71.5 | 0.13 | |
| Valleyhead..... | 95 | 55 | 75.6 | 4.70 | | | | | | | | Mohave *..... | 90 | 45 | 64.2 | 0.01 | |
| Warrior..... | | | | 5.67 | | | | | | | | Mokelumne Hill *..... | | 46 | 61.2 | 0.19 | |
| Wetumpka..... | 94* | 54 | 78.5 | 5.26 | | | | | | | | Monterey..... | 88 | 48 | 63.6 | 0.00 | |
| <i>Alaska.</i> | | | | | | | | | | | | Monterey *..... | 84 | 46 | 66.4 | 0.00 | |
| <i>Arizona.</i> | | | | | | | | | | | | Morena..... | 90 | 88 | 64.8 | 0.11 | |
| Allaire Ranch..... | | | | 3.44 | | | | | | | | Mountainview..... | | | | 0.45 | |
| Arizona Canal Co. Dam | 101 | 48 | 77.7 | 0.21 | | | | | | | | Napa *..... | 102 | 40 | 64.5 | 0.10 | |
| Aztec *..... | 105 | 60 | 87.2 | 0.27 | | | | | | | | Nevada City..... | 88 | 35 | 57.3 | 0.55 | |
| Benson *..... | 92 | 60 | 77.0 | 2.11 | | | | | | | | Niles *..... | 104 | 48 | 68.8 | 0.02 | |
| Blaliddell *..... | 91 | 49 | 69.4 | 6.54 | | | | | | | | North Bloomfield..... | 84 | 41 | 59.8 | 0.95 | |
| Bowie *..... | 90 | 58 | 77.1 | 3.08 | | | | | | | | North Ontario..... | 89 | 46 | 64.2 | 0.64 | |
| Buckeye..... | 101 | 43 | 76.4 | 0.00 | | | | | | | | Oakland a..... | 98 | 49 | 64.7 | 0.06 | |
| Camp Creek..... | 98 | 50 | 73.6 | 1.66 | | | | | | | | Ogibby *..... | 107 | 65 | 87.6 | T. | |
| Casagrande *..... | 98 | 60 | 81.2 | 0.30 | | | | | | | | Oleta *..... | 90 | 48 | 60.0 | 0.30 | |
| Champli Camp..... | 106 | 49 | 78.4 | T. | | | | | | | | Orland *..... | 100 | 55 | 71.0 | 0.07 | |
| Cochise *..... | 100 | 55 | 75.2 | T. | | | | | | | | Palermo..... | 102 | 44 | 67.8 | 0.27 | |
| Congress..... | 94 | 50 | 75.4 | 0.17 | | | | | | | | Paso Robles b..... | 100 | 38 | 63.1 | T. | |
| Dragoon Summit *..... | 88 | 53 | 68.6 | 2.41 | | | | | | | | Peachland *..... | 96 | 42 | 63.9 | 0.19 | |
| Dudleyville..... | 101 | 46 | 74.4 | 2.20 | | | | | | | | Piedras Blancas L. H..... | | | | 0.00 | |
| Fort Apache..... | 87 | 41 | 68.8 | 2.79 | | | | | | | | Pigeon Point L. H..... | | | | 0.07 | |
| Fort Defiance..... | 84 | 30 | 57.8 | 1.82 | | | | | | | | Pilot Creek..... | | | | 0.47 | |
| Fort Grant..... | 92 | 54 | 70.5 | 4.30 | | | | | | | | Pine Crest..... | 89 | 49 | 67.0 | 0.06 | |
| Fort Huachuca..... | 91 | 50 | 69.6 | 5.34 | | | | | | | | Placerville..... | 92 | 32 | 60.4 | 0.55 | |
| Fort Mohave..... | 105 | 51 | 78.0 | 0.00 | | | | | | | | Point Ano Nuevo L. H..... | | | | 0.18 | |
| Gilabend *..... | 105 | 58 | 82.0 | 0.00 | | | | | | | | Point Arena L. H..... | | | | 0.00 | |
| Marcopoca *..... | 101 | 59 | 82.4 | T. | | | | | | | | Point Bonita L. H..... | | | | 1.00 | |
| Mesa..... | 102 | 45 | 77.6 | 0.10 | | | | | | | | Point Conception L. H..... | | | | 0.00 | |
| Mohawk Summit *..... | 103 | 64 | 85.1 | 0.00 | | | | | | | | Point Firmin L. H..... | | | | 0.00 | |
| Mount Iluachua..... | 91 | 50 | 69.6 | 5.34 | | | | | | | | Point George L. H..... | | | | 0.18 | |
| Natural Bridge..... | | | | 0.75 | | | | | | | | Point Hueneme L. H..... | | | | 0.00 | |
| Nogales..... | 97 | 48 | 73.1 | 2.70 | | | | | | | | Point Lobos..... | 82 | 49 | 60.5 | 0.59 | |
| Oracle..... | 89 | 50 | 70.8 | 2.38 | | | | | | | | Point Montara L. H..... | | | | 0.56 | |
| Oro..... | | | | 5.36 | | | | | | | | Point Pinos L. H..... | | | | 0.00 | |
| Pantano *..... | 95 | 60 | 73.8 | 1.37 | | | | | | | | Point Sur L. H..... | | | | 0.07 | |
| Parker..... | 109 | 44 | 77.8 | T. | | | | | | | | Pomona (near)..... | 97 | 44 | 66.4 | 0.00 | |
| Peoria..... | 106 | 45 | 80.1 | T. | | | | | | | | Poway *..... | 94 | 50 | 62.8 | T. | |
| Phoenix..... | 104 | 46 | 77.2 | 0.09 | | | | | | | | Quincy..... | 87 | 24 | 54.0 | 0.04 | |
| Pima..... | 100 | 45 | 73.2 | 2.79 | | | | | | | | Ranch House..... | | | | T. | |
| Pinal Ranch..... | | | | 1.24 | | | | | | | | Raymond..... | 104 | 43 | 72.0 | T. | |
| Pre-cott..... | 88 | 28 | 59.5 | 0.14 | | | | | | | | Redding..... | 98 | 48 | 69.2 | 2.48 | |
| San Simon *..... | 99 | 60 | 72.5 | 3.18 | | | | | | | | Redlands..... | 96 | 45 | 67.6 | 0.50 | |
| Sentinel *..... | 103 | 61 | 83.5 | 0.00 | | | | | | | | Reedly..... | 99 | 42 | 68.4 | 0.00 | |
| Signal..... | 105 | 40 | 73.1 | T. | | | | | | | | Represa..... | 90 | 50 | 66.6 | 0.25 | |
| Silverking..... | | | | 1.01 | | | | | | | | Rivista..... | 95 | 49 | 68.0 | 0.01 | |
| Snowflake..... | 86 | 80 | | | | | | | | | | | | | | | |

TABLE II.—*Climatological record of voluntary and other cooperating observers—Continued.*

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|---------------------------|-------------------------------|-----------|-------|--------------------------|-------------------------|----------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| <i>California—Cont'd.</i> | | | | | | <i>Colorado—Cont'd.</i> | | | | | | <i>Florida—Cont'd.</i> | | | | | |
| Salton *6..... | ° | ° | ° | Ins. | Ins. | Parachute | ° | ° | ° | Ins. | Ins. | St. Augustine | ° | ° | ° | Ins. | Ins. |
| San Bernardino..... | 118 | 63 | 85.8 | 0.00 | | Perry park | 92 | ..... | ..... | 1.30 | T. | St. Francis | 89 | 70 | 80.2 | 4.10 | |
| San Jacinto..... | 100 | 40 | 66.2 | 0.23 | | Rangely | 89 | 25 | 55.6 | 1.35 | T. | Sebastian | 96 | 60 | 79.0 | 5.28 | |
| San Jose..... | 98 | 41 | 66.0 | 0.01 | | Rockyford | 95 | 30 | 65.2 | 0.08 | | Stephensville *1 | 91 | 69 | 80.6 | 4.19 | |
| San Leandro *6..... | 94 | 52 | 68.4 | 0.17 | | Rogers Mesa | 90 | 32 | 61.2 | 2.00 | | Summer | 97 | 60 | 80.4 | 1.78 | |
| San Luis L. H..... | 94 | 46 | 64.4 | 0.04 | | Ruby ..... | ..... | ..... | ..... | 2.00 | | Switzerland *1..... | 90 | 62 | 77.8 | 6.12 | |
| San Mateo *1..... | 93 | 53 | 66.1 | 0.50 | | Saguache | 82 | 23 | 54.4 | 0.31 | 10.0 | Tallahassee | 91 | 66 | 78.9 | 4.84 | |
| San Miguel *1..... | 90 | 45 | 65.5 | 0.00 | | Salida | 88 | 23 | 58.2 | T. | Tarpon Springs | 89 | 63 | 78.6 | 3.76 | | |
| San Miguel Island..... | 88 | 51 | 68.6 | 0.00 | | San Luis | 81 | 24 | 54.9 | 1.83 | | Wausau | 94 | 56 | 79.2 | 5.30 | |
| Santa Barbara a..... | 88 | 50 | 65.2 | 0.04 | | Santa Clara | 81 | 28 | 55.9 | 0.94 | | <i>Georgia.</i> | | | | | |
| Santa Barbara L. H..... | ..... | ..... | ..... | 0.00 | | Sapinero ..... | ..... | ..... | ..... | 0.85 | | Adairsville | 92 | 52 | 75.2 | 4.71 | |
| Santa Clara a..... | ..... | ..... | ..... | 0.21 | | Sargent's ..... | ..... | ..... | ..... | 0.10 | | Albany | 98 | 58 | 80.7 | 1.06 | |
| Santa Cruz b..... | 96 | 37 | 62.4 | 0.13 | | Seibert ..... | ..... | ..... | ..... | 0.91 | | Allapaha | 97 | 59 | 79.0 | 2.99 | |
| Santa Cruz L. H..... | ..... | ..... | ..... | 0.10 | | Silt | 89 | 30 | 59.2 | 1.07 | | Allentown | 98 | 51 | 79.8 | 1.90 | |
| Santa Maria..... | 94 | 44 | 65.2 | T. | | Springfield ..... | ..... | ..... | ..... | 1.58 | | Americus | 94 | 57 | 78.2 | 1.58 | |
| Santa Paula..... | 88 | 50 | 67.1 | 0.00 | | Strickler Tunnel ..... | ..... | ..... | ..... | 0.90 | 2.8 | Athens b..... | 91 | 51 | 74.2 | 8.39 | |
| Santa Rosa *5..... | 99 | 43 | 64.8 | 0.00 | | Sugarloaf | 80 | ..... | ..... | 2.97 | | Bainbridge | 95 | 58 | 78.8 | 2.19 | |
| Shasta..... | 104 | 47 | 68.8 | 3.43 | | Trinidad | 92 | 31 | 64.2 | 0.72 | | Belvidine | 103 | 58 | 80.2 | 2.14 | |
| Sierra Madre..... | 90 | 50 | 67.0 | 0.06 | | Troutvale | 76 | 10 | 44.4 | 2.73 | 14.0 | Blakely | 89 | 58 | 74.6 | 2.46 | |
| Sonoma..... | ..... | ..... | ..... | 0.12 | | T. S. Ranch | 85 | 34 | 60.4 | 1.04 | | Brent | 98 | 51 | 77.6 | 8.30 | |
| S. E. Farallone L. H..... | 94 | 44 | 63.8 | 0.25 | | Twinlakes ..... | ..... | ..... | ..... | 2.32 | | Camak | 95 | 54 | 77.9 | 2.07 | |
| Stanford University..... | 94 | 44 | 63.8 | 0.32 | | Vilas ..... | ..... | ..... | ..... | 5.15 | | Canton ..... | ..... | ..... | ..... | 1.78 | |
| Stockton..... | 94 | 51 | 69.2 | 0.04 | | Wagon Wheel | 76 | 9 | 47.0 | 1.42 | 2.0 | Carlton ..... | ..... | ..... | ..... | 4.28 | |
| Summerville..... | 82 | 34 | 54.6 | 0.75 | | Wad'en | 82 | 21 | 51.1 | 0.90 | T. | Clayton | 88 | 48 | 71.4 | 6.69 | |
| Susanville..... | 84 | 80 | 53.4 | 0.25 | | Wallet ..... | ..... | ..... | ..... | 0.91 | T. | Columbus | 93 | 60 | 79.5 | 2.13 | |
| Tehama *1..... | 100 | 60 | 70.0 | 0.00 | | Westcliffe | 82 | 24 | 53.1 | 1.10 | | Covington | 95 | 49 | 75.2 | 4.08 | |
| Tejon Ranch..... | 94 | 52 | 69.6 | 0.06 | | Wray | 98 | 31 | 64.4 | 0.15 | | Dahlonega | 90 | 41 | 71.8 | 5.35 | |
| Templeton *1..... | 95 | 52 | 72.5 | 0.00 | | Yuma ..... | ..... | ..... | ..... | 0.16 | 0.5 | Diamond | 90 | 43 | 73.4 | 5.75 | |
| Thermalito..... | 101 | 49 | 69.3 | 0.33 | | <i>Connecticut.</i> |  |  | ..... | ..... |  | Dublin ..... | ..... | ..... | ..... | 3.05 | |
| Trinidad L. H..... | ..... | ..... | ..... | 0.64 | | Bridgeport | 92 | 41 | 68.2 | 1.99 | | Eastman | 98 | 52 | 79.6 | 1.72 | |
| Truckee *1..... | 78 | 38 | 53.8 | 0.00 | | Canton | 92 | 34 | 61.4 | 2.56 | | Elberton | 95 | 55 | 77.2 | 3.19 | |
| Tulare b..... | ..... | ..... | ..... | 0.44 | | Colchester | 90 | 45 | 67.0 | 2.48 | | Experiment | 98 | 50 | 75.7 | 2.50 | |
| Tulare c..... | 100 | 42 | 68.6 | 0.18 | | Falls Village ..... | ..... | ..... | ..... | 1.85 | | Fitzgerald | 97 | 52 | 77.2 | 1.69 | |
| Ukiah..... | 101 | 32 | 63.6 | 0.35 | | Hartford b..... | 91 | 42 | 66.2 | 1.97 | | Fleming | 98 | 47 | 77.6 | 6.12 | |
| Upperlake..... | 99 | 36 | 64.0 | 0.03 | | Hawleyville | 86 | 37 | 65.4 | 3.00 | | Fort Gaines | 95 | 56 | 79.0 | 0.91 | |
| Upper Mattole *1..... | 90 | 36 | 57.8 | 0.32 | | Lake Konomoo ..... | ..... | ..... | ..... | 2.87 | | Franklin | 92 | 56 | 76.6 | 5.58 | |
| Vacaville *1..... | 102 | 50 | 69.4 | 0.07 | | Middletown | 97 | 37 | 67.4 | 2.75 | | Gainesville | 89 | 50 | 73.0 | 1.49 | |
| Ventura..... | 93 | 51 | 64.4 | T. | | New London | 90 | 44 | 67.6 | 4.03 | | Gillsville | 95 | 46 | 74.6 | 3.04 | |
| Visalia b..... | 98 | 40 | 68.2 | 0.09 | | North Grosvenor Dale | 92 | 34 | 61.4 | 2.09 | | Greenbush | 94 | 44 | 74.2 | 5.27 | |
| Volcano Springs *1..... | 108 | 65 | 82.8 | 0.03 | | Norwalk | 93 | 38 | 66.6 | 3.44 | | Griffin | 92 | 55 | 77.8 | 2.92 | |
| Walnutcreek..... | 98 | 44 | 67.6 | 0.00 | | Southington | 90 | 38 | 65.4 | 2.20 | | Harrison | 98 | 52 | 77.8 | 1.82 | |
| Westpoint..... | ..... | ..... | ..... | 0.15 | | Storrs | 92 | 37 | 63.2 | 2.27 | | Hawkinsville | 94 | 58 | 79.6 | 0.98 | |
| West Saticoy..... | ..... | ..... | ..... | T. | | Voluntown | 90 | 35 | 65.2 | 3.10 | | Hezphiball ..... | ..... | ..... | ..... | 0.50 | |
| Wheatland..... | 94 | 43 | 66.4 | 0.11 | | Wallingford ..... | ..... | ..... | ..... | 3.54 | | Jesup | 94 | 58 | 78.2 | 2.31 | |
| Williams *1..... | 97 | 53 | 71.7 | T. | | Waterbury | 96 | 37 | 68.6 | 2.15 | | Lost Mountain | 94 | 49 | 76.7 | 4.98 | |
| Wilmington *1..... | 80 | 50 | 65.4 | 0.00 | | West Cornwall | 90 | 39 | 64.6 | 1.75 | | Lumpkin | 93 | 58 | 80.4 | 1.30 | |
| Wire Bridge *6..... | 94 | 47 | 66.8 | 0.43 | | West Simsbury ..... | ..... | ..... | ..... | 2.82 | | Mauzy | 100 | 54 | 80.0 | 2.97 | |
| Yerba Buena L. H..... | 89 | 32 | 58.8 | 0.52 | | Winsted *1 | 90 | 38 | 63.6 | ..... |  | Milled | 98 | 52 | 78.9 | 1.87 | |
| Yreka ..... | ..... | ..... | ..... | 0.48 | | <i>Delaware.</i> |  |  | ..... | ..... |  | Morgan | 97 | 54 | 76.6 | 1.95 | |
| <i>Colorado.</i> | | | | | | Archer | 98 | 60 | 80.2 | 4.28 | | Naylor | 100 | 56 | 80.1 | 2.39 | |
| Alford..... | 88 | 27 | 55.1 | 2.01 | T. | Bartow | 98 | 68 | 80.8 | 4.36 | | Newman | 93 | 51 | 75.6 | 3.06 | |
| Arkne ..... | ..... | ..... | ..... | 1.72 | | Brooksville | 91 | 67 | 79.7 | 2.70 | | Oakdale ..... | ..... | ..... | ..... | 3.50 | |
| Blaine..... | 98 | 35 | 67.2 | 2.09 | | Carrabelle | 94 | 64 | 79.8 | 0.80 | | Point Peter | 100 | 49 | 77.8 | 4.74 | |
| Boulder..... | 88 | 33 | 61.6 | 1.54 | | Clermont | 98 | 65 | 81.0 | 3.13 | | Poulan | 101 | 52 | 78.7 | 1.38 | |
| Boxelder..... | ..... | ..... | ..... | 1.55 | T. | Dalkeith | 97 | 61 | 80.4 | 2.65 | | Putnam | 95 | 55 | 77.8 | 2.24 | |
| Breckenridge..... | 74 | 12 | 44.8 | 0.30 | 8.0 | De Funia Springs | 97 | 58 | 80.5 | 5.24 | | Quittman | 94 | 55 | 78.2 | 4.71 | |
| Buenavista..... | ..... | ..... | ..... | T. | DeLand | 95 | 66 | 80.5 | ..... |  | Ramsey | 94 | 45 | 75.2 | 3.51 | | |
| Canyon..... | 89 | 30 | 62.8 | 0.79 | | Earnestville | 95 | 68 | 82.8 | 7.15 | | Resaca ..... | ..... | ..... | ..... | 5.56 | |
| Casterrock..... | 88 | 26 | 58.7 | 0.06 | | Eustis | 98 | 65 | 82.8 | 3.74 | | Rome | 92 | 49 | 75.2 | 4.72 | |
| Cedaredge..... | 89 | 29 | 58.8 | 2.72 | | Federal Point | 92 | 62 | 79.4 | 8.17 | | Statesboro | 100 | 53 | 79.6 | 1.77 | |
| Cheyenne Wells..... | 93 | 34 | 64.2 | 1.81 | | Fort George *1 | 92 | 75 | 81.7 | 10.50 | | Talbotton | 100 | 51 | 77.0 | 3.00 | |
| Clearview..... | 72 | 25 | 49.8 | 1.88 | T. | Fort Meade | 95 | 64 | 80.7 | 10.50 | | Tallapoosa | 89 | 49 | 73.8 | 7.11 | |
| Colbran..... | ..... | ..... | ..... | 0.62 | | Gainesville | 98 | 65 | 81.0 | 2.66 | | Thomaxville | 99 | 61 | 81.2 | 2.10 | |
| Colorado Springs..... | 89 | 32 | 59.4 | 0.61 | | Huntington | 92 | 61 | 79.4 | 5.73 | | Toccoa | 95 | 55 | 79.2 | 4.50 | |
| Cope..... | 94 | 34 | 63.7 | 0.44 | 0.3 | Hypoluxo | 95 | 71 | 81.7 | 9.67 | | Union Point | 93 | 56 | 76.8 | 2.78 | |
| Cripplecreek..... | 84 | 30 | 56.5 | 0.04 | T. | Inverness | 95 | 62 | 80.6 | 3.68 | | Valona | 95 | 60 | 79.4 | 4.55 | |
| Crook..... | 104 | 30 | 65.0 | 0.61 | | Jasper | 95 | 60 | 79.6 | 1.50 | | Washington | 95 | 56 | 77.4 | 3.23 | |
| Delta..... | 99 | 28 | 61.2 | 1.27 | | Kirkimme | 96 | 64 | 81.4 | 4.50 | | Waycross | 93 | 58 | 78.5 | 4.39 | |
| Dumont..... | ..... | ..... | ..... | 1.25 | T. | Lake Butler | 97 | 60 | 80.0 | 2.92 | | Waynesboro | 94 | 52 | 76.2 | 1.81 | |
| Durango..... | 86 | 20 | 54.5 | 2.60 | | Lake City | 98 | 60 | 80.9 | 2.21 | | Westpoint | 91 | 54 | 77.3 | 6.93 | |
| Fort Collins..... | 88 | 30 | 58.6 | 1.92 | | McAlpin | 98 | 60 | 81.0 | 3.13 | | <i>Idaho.</i> | | | | | |
| Fort Morgan..... | 92 | 30 | 62.0 | 0.55 | | MacCleenny | 99 | 58 | 80.4 | 2.22 | | Albion | 90 | 18 | 56.6 | 0.44 | T. |
| Fox..... | ..... | ..... | ..... | 0.60 | | Manatee | 91 | 65 | 79.4 | 6.64 | | American Falls | 87 | 15 | 56.4 | | |
| Gilman..... | ..... | ..... | ..... | 1.38 | | Marianna | 95 | 58 | 80.6 | 2.70 | | Atlanta | 82 | 19 | 49.8 | 1.08 | 0.8 |
| Glenervie..... | 86 | 32 | 58.2 | 0.97 | | Merritt Island | 92 | 74 | 82.8 | 8.29 | | Blackfoot | 89 | 20 | 56.6 | T. | |
| Gr-eley..... | 91 | 31 | 60.8 | 1.07 | | Miccanopy | 98 | 61 | 80.6 | 4.55 | | Chesterfield | 90 | 8 | 47.6 | 0.06 | T. |
| Grover..... | ..... | .....</td | | | | | | | | | | | | | | | |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|--------------------------------|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|---------------------------------|-------------------------------|----------|-------|--------------------------|---------------------------------|---------------------------------|-------------------------------|----------|-------------------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| <i>Idaho—Cont'd.</i> | | | | | | <i>Indiana—Cont'd.</i> | | | | | | <i>Iowa—Cont'd.</i> | | | | | |
| Weston..... | 88 | 28 | 56.6 | In. | 0.66 | Bluffton..... | 95 | 35 | 69.0 | In. | 1.87 | College Springs..... | 95 ¹ | 34 | 68.1 ¹ | 2.98 | |
| <i>Illinois.</i> | | | | | | Bright..... | 92 | 43 | 72.7 | T. | | Coon Rapids..... | 91 | 36 | 63.8 | 6.78 | |
| Albion..... | 96 | 43 | 71.5 | 4.91 | | Buterville..... | 96 | 42 | 72.7 | 0.83 | | Council Bluffs..... | 96 | 38 | 66.0 | 3.57 | |
| Alexander..... | 93 | 36 | 70.4 | 5.29 | | Cambridge City..... | 95 | 41 | 68.8 | 2.59 | | Crawfordsville..... | | | | 5.04 | |
| Ashton..... | 89 | 36 | 64.7 | 3.51 | | Columbus..... | 96 | 40 | 72.0 | 0.54 | | Cresco..... | 91 | 32 | 61.0 | 6.29 | |
| Astoria..... | 90 | 37 | 67.1 | 3.53 | | Connersville..... | 95 | 40 | 70.6 | 3.27 | | Cumberland..... | | | | 4.63 | |
| Aurora a..... | 93 | 36 | 66.6 | 1.99 | | Crawfordsville..... | 98 | 32 | 68.2 | 1.35 | | Danville..... | | | | 4.69 | |
| Bloomington..... | 95 | 36 | 69.5 | 1.55 | | Delphi..... | 95 | 35 | 68.1 | 2.13 | | Decorah..... | 95 | 34 | 62.3 | 4.00 | |
| Bushnell..... | 98 | 33 | 68.0 | 5.15 | | Edwardsville ¹ | 98 | 48 | 73.2 | 1.47 | | Delaware..... | 90 | 34 | 62.9 | 8.63 | |
| Cambridge..... | 89 | 39 | 66.4 | 3.24 | | Fairmount..... | 98 | 32 | 69.6 | 2.12 | | Denison..... | 91 | 30 | 63.7 | 3.64 | |
| Carlisle..... | 97 | 37 | 71.5 | 5.03 | | Farmland..... | 92 | 39 | 66.7 | 2.43 | | Desoto..... | 90 | 38 | 64.8 | 3.57 | |
| Centralia..... | 96 | 42 | 73.1 | 3.48 | | Fort Wayne..... | 94 | 33 | 67.6 | 1.84 | | Dows..... | 93 | 30 | 62.9 | 5.28 | |
| Charleston..... | 92 | 39 | 70.9 | 3.22 | | Greencastle..... | 91 | 40 | 70.2 | 2.65 | | Eldon..... | 96 | 38 | 68.0 | 3.81 | |
| Chemung..... | 89 | 33 | 63.4 | 4.67 | | Greensburg..... | 94 | 39 | 70.2 | 0.61 | | Elkader..... | 95 | 33 | 64.2 | 3.99 | |
| Chester..... | | | | | | Hammond..... | 90 | 40 | 67.6 | 1.43 | | Emerson..... | | | | 3.06 | |
| Cline..... | 95 | 40 | 72.6 | 3.94 | | Hector..... | 96 | 38 | 68.6 | 1.76 | | Eminetsburg..... | | | | 6.08 | |
| Coatsburg..... | 95 | 37 | 69.4 | 4.04 | | Huntington..... | 94 | 38 | 67.7 | 1.98 | | Estherville..... | 89 | 30 | 61.4 | 7.25 | |
| Cobden..... | 102 | 43 | 75.4 | 2.55 | | Jeffersonville..... | 95 | 45 | 74.6 | 1.36 | | Fairfield..... | 94 | 33 | 66.4 | 4.54 | |
| Danville..... | 88 | 35 | 66.0 | 1.80 | | Knightstown..... | 96 | 41 | 71.3 | 2.54 | | Fayette..... | 93 | 31 | 63.8 | 3.72 | |
| Decatur..... | 94 | 36 | 69.4 | 4.34 | | Kokomo..... | 93 | 40 | 68.1 | 1.90 | | Fonda..... | 98 | 25 | 63.0 | 5.51 | |
| Dixon..... | 90 | 36 | 65.0 | 4.39 | | Lafayette..... | 93 | 35 | 69.3 | 2.75 | | Forest City..... | 91 | 31 | 61.6 | 6.79 | |
| Dwight..... | 94 | 34 | 66.7 | 1.99 | | Laporte..... | 92 | 32 | 66.1 | 1.63 | | Fort Dodge..... | 92 | 30 | 63.3 | 6.00 | |
| Effingham..... | 93 | 40 | 71.4 | 4.34 | | Logansport..... | 91 | 38 | 67.2 | 1.92 | | Fort Madison..... | | | | 8.97 | |
| Elgin..... | 91 | 37 | 75.2 | 2.35 | | Madison a..... | 96 | 43 | 74.0 | 1.32 | | Galva..... | | | | 7.04 | |
| Equality..... | 101 | 41 | 75.5 | 2.81 | | Madison b..... | | | | | | Gilman..... | | | | 3.74 | |
| Flora..... | 98 | 41 | 72.8 | 4.26 | | Marengo..... | 95 | 37 | 71.8 | 1.02 | | Glenwood..... ¹ | 96 | 35 | 66.0 | 2.38 | |
| Friendgrove ⁵ | 98 | 50 | 76.4 | 3.79 | | Marion..... | 98 | 35 | 70.0 | 3.45 | | Grand Meadow ¹ | 90 | 38 | 61.5 | 3.19 | |
| Galva..... | 91 | 37 | 66.0 | 4.65 | | Markle..... | 94 | 36 | 67.8 | 2.10 | | Greene..... | 93 | 33 | 63.3 | 5.16 | |
| Glenwood ⁶ | 92 ² | 44 ⁴ | 70.6 ⁶ | 1.54 | | Mauzy..... | 97 | 39 | 70.6 | 2.82 | | Greenfield..... | 91 | 33 | 64.0 | 4.67 | |
| Grafton..... | | | | | | Northfield..... | 93 | 37 | 68.4 | 1.70 | | Grinnell (near)..... | 94 | 38 | 65.2 | 4.99 | |
| Grayville..... | 94 ³ | 48 ⁵ | 75.4 ⁶ | 3.93 | | Paoli..... | 93 | 36 | 72.8 | 1.65 | | Grundy Center..... | 91 | 33 | 63.8 | 8.54 | |
| Greenville..... | 97 | 39 | 73.2 | 4.27 | | Prairie Creek'..... | 102 | 36 | 74.3 | 4.83 | | Guthrie Center..... | 100 | 36 | 66.4 | 5.10 | |
| Griggsville..... | 95 | 39 | 71.2 | 5.50 | | Princeton..... | 96 | 38 | 72.0 | 5.30 | | Hampton..... | 95 | 35 | 63.5 | 6.86 | |
| Halfway..... | 99 | 44 | 75.6 | 2.71 | | Rensselaer..... | 96 | 31 | 67.0 | 1.30 | | Harlan..... | 92 | 30 | 63.6 | 3.91 | |
| Hallday..... | 99 | 39 | 73.6 | 4.73 | | Richmond..... | 96 | 41 | 70.2 | 1.63 | | Hawkeye..... | | | | 4.17 | |
| Havana..... | 40 | | | | | Rockport..... | | | | | | Hedrick..... | 93 | 34 | 65.6 | 4.49 | |
| Henry..... | 93 | 35 | 67.2 | 3.64 | | Rockville..... | 94 | 37 | 69.8 | 2.38 | | Hopeville..... | 92 | 36 | 66.1 | 5.26 | |
| Hillsboro..... | 97 | 42 | 72.0 | 3.27 | | Salem..... | 102 | 34 | 72.6 | 0.35 | | Hopkig..... | | | | 3.28 | |
| Joliet..... | 91 | 38 | 66.6 | 2.05 | | Scottsburg..... | 95 | 42 | 73.6 | 0.59 | | Humboldt..... | 93 | 33 | 63.7 | 5.05 | |
| Kishwaukee..... | 90 | 34 | 64.0 | 2.98 | | Seymour..... | 96 | 44 | 72.6 | 2.35 | | Independence..... | 92 | 34 | 63.1 | 6.15 | |
| Knoxville..... | 96 | 34 | 66.3 | 3.86 | | Shelbyville ¹ | 94 | 43 | 72.6 | 1.46 | | Indianola..... | 92 | 36 | 66.0 | 4.03 | |
| Lagrange..... | 91 | 38 | 65.8 | 1.95 | | South Bend..... | 92 | 35 | 67.4 | 2.35 | | Iowa City..... | 92 | 37 | 66.2 | 4.35 | |
| Laharpe..... | 95 | 38 | 68.4 | 2.90 | | Syracuse..... | 96 | 33 | 68.4 | 2.04 | | Iowa Falls..... | 92 | 32 | 62.0 | 5.17 | |
| Lakevilla..... | 93 | 34 | 66.0 | 1.86 | | Terre Haute..... | 91 | 40 | 69.4 | 3.32 | | Keosauqua..... | 95 | 39 | 68.2 | 4.90 | |
| Lanark..... | 92 | 31 | 63.0 | 2.87 | | Topeka..... | 91 | 35 | 66.2 | 1.00 | | Knoxville..... | 93 | 35 | 65.3 | 5.38 | |
| Loam..... | | | | | | Valparaiso..... | 90 | 39 | 66.6 | T. | | Lacona..... | | | | 5.80 | |
| McLearnsboro..... | 97 | 45 | 73.0 | 3.07 | | Veederburg..... | 93 | 34 | 69.4 | 2.19 | | Lansing..... | 95 | 34 | 65.0 | 3.55 | |
| Martinsville..... | 92 | 38 | 71.0 | 4.23 | | Vevay..... | 97 | 48 | 76.0 | 0.30 | | Larchwood..... | 90 | 30 | 62.1 | 3.80 | |
| Martinton..... | 92 | 30 | 67.4 | 2.09 | | Vincennes..... | 97 | 42 | 74.3 | 3.63 | | Larrabee..... | 91 | 29 | 61.6 | 6.24 | |
| Mascoutah..... | 94 | 42 | 72.4 | 3.32 | | Washington..... | 92 | 42 | 72.2 | 5.63 | | Leclaire..... | | | | 2.48 | |
| Mattoon..... | 90 | 42 | 71.4 | 4.86 | | Winamac..... | 93 | 31 | 68.4 | 2.09 | | Lemars..... | 90 | 31 | 63.1 | 7.01 | |
| Minonk..... | 94 | 35 | 67.4 | 2.54 | | Worthington..... | 97 | 38 | 72.0 | 3.15 | | Lenox..... | 90 | 37 | 66.3 | 4.14 | |
| Monmouth..... | 94 | 36 | 68.8 | 5.31 | | | | | | | Logan..... | 93 | 31 | 63.0 | 4.09 | | |
| Monticello..... | 95 | 34 | 70.3 | 2.84 | | | | | | | Maple Valley..... | | | | 5.12 | | |
| Morrisonville..... | 91 | 39 | 70.8 | 4.22 | | | | | | | Maquoketa..... | 91 | 34 | 64.6 | 4.62 | | |
| Mount Carmel..... | | | | | | | | | | | Marshalltown..... | 93 | 34 | 65.1 | 5.85 | | |
| Mount Pulaski..... | 96 | 40 | 70.7 | 4.24 | | | | | | | Monticello..... | 94 | 32 | 64.2 | 8.47 | | |
| Mount Vernon..... | 98 | 40 | 72.5 | 4.07 | | | | | | | Moocar..... | 93 | 36 | 63.5 | 4.01 | | |
| New Burnside..... | 101 | 39 | 76.1 | 2.36 | | | | | | | Mountayr..... | 96 | 36 | 67.6 | 3.61 | | |
| Olnay..... | 95 | 43 | 73.6 | 3.67 | | | | | | | Mount Pleasant..... | 94 | 37 | 67.2 | 4.58 | | |
| Ottawa..... | 94 | 38 | 68.9 | 2.26 | | | | | | | Mount Vernon ^b | 92 | 33 | 65.0 | 3.37 | | |
| Palestine..... | 95 | 36 | 71.0 | 4.43 | | | | | | | Murray..... | | | | 5.07 | | |
| Pana..... | 94 | 37 | 69.6 | 3.36 | | | | | | | New Hampton..... | 92 | 36 | 62.2 | 4.16 | | |
| Paris..... | 96 | 38 | 70.8 | 3.13 | | | | | | | Newton..... | 92 | 34 | 64.8 | 3.73 | | |
| Peoria a..... | | | | | | | | | | | Northwood..... | 91 | 34 | 60.6 | 5.60 | | |
| Peoria b..... | 92 | 40 | 69.0 | 2.94 | | | | | | | Odebolt..... | 95 | 30 | 64.8 | 4.21 | | |
| Philo..... | 94 | 32 | 68.2 | 1.64 | | | | | | | Ogden..... | 92 | 34 | 64.6 | 6.86 | | |
| Plumhill..... | 98 | 38 | 73.3 | 2.32 | | | | | | | Onawa..... | 93 | 36 | 65.6 | 6.96 | | |
| Rantoul..... | 93 | 38 | 68.8 | 5.53 | | | | | | | Osage..... | 90 | 34 | 66.0 | 5.53 | | |
| Raum..... | 96 | 47 | 77.1 | 2.68 | | | | | | | Osceola..... | 93 | 36 | 66.4 | 6.78 | | |
| Riley..... | 88 | 39 | 64.9 | 2.58 | | | | | | | Oskaloosa..... | 94 | 34 | 67.0 | 4.37 | | |
| Robinson..... | 96 | 38 | 72.6 | 5.01 | | | | | | | Ottumwa..... | 94 | 37 | 67.5 | 6.15 | | |
| Rockford..... | 90 | 36 | 68.3 | 3.70 | | | | | | | Ovd..... | 95 | 33 | 68.2 | 5.40 | | |
| Roundgrove..... | 87 | 36 | 65.0 | 4.07 | | | | | | | Pacific Junction..... | 95 | 35 | 65.7 | 3.72 | | |
| St. Charles ¹ | 90 | 42 | 67.5 | 2.15 | | | | | | | Pella..... | 93 | 35 | 64.8 | 5.57 | | |
| St. John..... | 100 | 42 | 74.5 | 3.20 | | | | | | | Plover..... | 94 | 31 | 63.3 | 4.46 | | |
| Shobonier ^c | 96 | 34 | 71.2 | 4.33 | | | | | | | Primghar..... | 91 | 32 | 60.4 | 5.55 | | |
| Strawn..... | 93 | 35 | 68.0 | 1.50 | | | | | | | Redoak..... | 94 | 35 | 67.8 | 4.19 | | |
| Streator..... | 92 | 32 | 67.2 | 2.56 | | | | | | | Ridgeway..... | 92 | 36 | 63.4 | 6.88 | | |
| Sullivan..... | 95 | 37 | 70.0 | 2.75 | | | | | | | Rockwell City..... | 92 | 34 | 62.8 | 4.54 | | |
| Sycamore..... | 89 | 36 | 64.1 | 2.79 | | | | | | | Ruthven..... | 90 | 32 | 62.8 | 6.82 | | |
| Tilden..... | 97 | 41 | 73.4 | 3.22 | | | | | | | Sac City..... | 91 | 32 | 63.2 | 3.84 | | |
| Tiskilwa..... | 92 | 39 | 65.7 | 4.67 | | | | | | | Scranton..... | 91 | 35 | 63.8 | 6.58 | | |
| Tuscola..... | 94 | 36 | 67.8 | 3.41 | | | | | | | Sheldon..... | 89 | 31 | 61.8 | 6.95 | | |
| Walnut..... | 91 | 39 | 67.4 | 4.74 | | | | | | | | | | | | | |

TABLE II.—*Climatological record of voluntary and other cooperating observers—Continued.*

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|--------------------------------|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|---------------------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| Iowa—Cont'd. | | | | | | Kentucky—Cont'd. | | | | | | Maryland—Cont'd. | | | | | |
| Washta | o | o | o | In. s. | In. s. | Marrowbone | 97 | 35 | 74.2 | 6.85 | In. s. | Cumberland b | o | o | o | In. s. | In. s. |
| Waterloo | 94 | 85 | 64.0 | 5.48 | | Marysville | 102 | 46 | 74.8 | 1.21 | | Darlington | 92 | 45 | 70.8 | 4.36 | |
| Waverly | 94 | 86 | 63.8 | 4.18 | | Middlesboro | 91 | 43 | 70.2 | 4.08 | | Deerpark | 89 | 29 | 65.0 | 0.40 | |
| Westend ¹ | 92 | 84 | 61.3 | 4.55 | | Mount Hermon | 92 | 42 | 72.6 | 3.57 | | Easton | 94 | 45 | 72.8 | 6.80 | |
| Westbranch | 95 | 83 | 64.7 | 4.31 | | Mount Sterling | 93 | 45 | 72.6 | 1.26 | | Elliot City | | | | | 2.94 |
| West Union | | | | | | Owensboro | 93 | 44 | 74.0 | 1.84 | | Fallston | 93 | 44 | 71.2 | 3.77 | |
| Whitten ¹ | 93 | 83 | 62.4 | 8.61 | | Owenton | 100 | 43 | 75.2 | 1.33 | | Frederick | 97 | 45 | 73.6 | 1.98 | |
| Wilton Junction | 92 ¹ | 85 ¹ | 65.0 ¹ | 4.12 | | Paducah a | 101 | 51 | 78.6 | 2.05 | | Frostburg | 94 | 40 | 67.0 | 1.67 | |
| Winterset | 94 | 83 | 66.2 | 5.65 | | Paducah b | 97 | 47 | 75.0 | 2.33 | | Grantsville | 91 | 33 | 68.3 | 0.87 | |
| Woodburn | | | | | | Pikeville | 100 | 49 | 76.2 | 2.18 | | Greatfalls | 97 | 43 | 73.6 | 3.73 | |
| Kansas. | | | | | | Richmond | 98 | 43 | 74.6 | 0.64 | | Greenspring Furnace | 97 | 40 | 72.0 | 2.16 | |
| Abilene | 99 | 42 | 71.0 | 6.81 | | St. John | 94 | 40 | 73.2 | 1.37 | | Hagerstown | 99 | 40 | 73.8 | 1.55 | |
| Altoona | 108 | 45 | 73.9 | 8.89 | | Scott | 99 | 44 | 74.0 | 0.60 | | Harney | | | | | 2.25 |
| Anthony | | | | | | Shelby City | 97 | 38 | 72.0 | 1.66 | | Jewell | 96 | 47 | 73.0 | 5.88 | |
| Atchison a | 96 | 44 | 69.4 | 7.05 | | Shelbyville | 99 | 42 | 74.6 | 2.07 | | Johns Hopkins Hospital | 95 | 46 | 72.6 | 5.28 | |
| Baker | 97 | 40 | 68.2 | 4.69 | | Vanceburg | 98 | 45 | 72.1 | 1.00 | | Laurel | 100 | 39 | 73.6 | 5.23 | |
| Burlington | 100 | 44 | 72.0 | 8.87 | | Warfield | 95 | 44 | 72.8 | 1.90 | | McDonogh | 93 | 42 | 70.9 | 3.23 | |
| Campbell | 99 | 44 | 69.4 | 8.78 | | Williamsburg | 97 | 45 | 75.2 | 2.67 | | Mount St. Marys Coll | 96 | 48 | 72.0 | 2.80 | |
| Chanute | 103 | | | 14.35 | | Louisiana. | | | | | | Newmarket | 96 | 41 | 71.8 | 1.84 | |
| Colby | 98 | 33 | 66.5 | 2.04 | | Abbeville | 96 | 68 | 82.4 | 0.75 | | Pocomoke | 93 | 46 | 73.6 | | |
| Columbus | 96 | 48 | 73.0 | 5.58 | | Alexandria | 101 | 68 | 83.0 | 2.28 | | Princess Anne | 94 | 33 | 72.1 | 1.68 | |
| Cooldige | 97 | 29 | 66.8 | 3.05 | | Amitie | 98 | 63 | 81.2 | 1.62 | | Rockhall b | 91 | 43 | 73.6 | 8.23 | |
| Dresden | 99 | 35 | 65.6 | 3.60 | | Baton Rouge | 98 | 65 | 81.6 | 3.82 | | Smithsburg a | 97 | 49 | 71.8 | 1.56 | |
| Elliwood | 100 | 43 | 70.5 | 5.27 | | Burnside | 97 | 64 | 80.3 | 5.42 | | Smithsburg b | 96 | 43 | 71.8 | 2.08 | |
| Emporia | 94 | 46 | 70.1 | 8.00 | | Calhoun | 98 | 59 | 78.9 | 3.90 | | Solomons | 97 | 53 | 77.0 | 3.05 | |
| Englewood | 97 | 39 | 70.6 | 4.38 | | Cheneyville | 99 | 65 | 82.2 | 3.13 | | Sudlersville | 91 | 46 | 71.5 | 5.82 | |
| Eureka | | | | | | Clinton | 98 | 61 | 80.3 | 0.44 | | Sunnyside | 93 | 30 | 65.6 | 2.71 | |
| Fairiver | 102 | 43 | 72.8 | 12.07 | | Como | 102 | 58 | 80.8 | 2.10 | | Takoma Park | 96 | 43 | 72.9 | 4.87 | |
| Fanning | 94 | 39 | 69.0 | 5.43 | | Covington | 96 | 66 | 81.1 | 2.47 | | Taneytown | 97 | 39 | 72.8 | 2.72 | |
| Fort Scott | 100 | 47 | 73.1 | 8.26 | | Donaldsonville | 102 | 68 | 82.9 | 2.95 | | Van Bibber | 89 | 47 | 70.1 | 6.78 | |
| Frankfort | 100 | 43 | 69.8 | 7.36 | | Emile | 97 | 68 | 80.4 | 4.50 | | Westernport | 96 | 37 | 69.2 | 0.94 | |
| Garden City | 100 | 33 | 60.2 | 3.10 | | Farmerville | 98 | 66 | 80.6 | 1.28 | | Westminster | 90 | 43 | 72.2 | | |
| Grenola | 103 | 44 | 73.2 | 12.41 | | Franklin | 96 | 68 | 81.8 | 3.15 | | Woodstock | 91 | 40 | 71.0 | 3.67 | |
| Hays | 102 | 37 | 69.2 | 2.98 | | Grand Coteau | 97 | 63 | 81.2 | 1.56 | | Massachusetts. | | | | | |
| Horton | 93 | 42 | 68.8 | 4.61 | | Hammond | 101 | 61 | 82.0 | 1.44 | | Amherst | 87 | 35 | 63.4 | 3.40 | |
| Hoxie | 100 | 35 | 68.8 | 8.00 | | Houma | 98 | 70 | 82.2 | 2.90 | | Bedford | 89 | 38 | 63.3 | 4.22 | |
| Hutchinson | 101 | 39 | 70.4 | 6.32 | | Jeanerette | 101 | 65 | 81.6 | 2.11 | | Blue Hill (summit) | 92 | 41 | 64.2 | 4.29 | |
| Independence | 100 | 48 | 74.6 | 9.85 | | Jennings | 98 | 60 | 80.9 | 1.94 | | Cambridge | 92 | 38 | 64.9 | 4.54 | |
| Lakin | 97 | 34 | 67.0 | 3.15 | | Lafayette | 99 | 63 | 81.8 | 1.45 | | Chestnuthill | 94 | 38 | 65.2 | 4.12 | |
| Lawrence | 92 | 45 | 70.1 | 8.26 | | Lake Charles | 98 ¹ | 69 ¹ | 82.6 ¹ | 1.45 | | Cohasset | | | | | 4.92 |
| Lebanon | 100 | 35 | 71.7 | 4.20 | | Lake Providence | 99 | 65 | 81.4 | 1.14 | | Concord | 93 | 34 | 63.0 | 3.49 | |
| Lebo | 96 | 45 | 70.9 | 9.06 | | L'Argent | 93 | 64 | 81.3 | 0.20 | | East Templeton ¹ | 85 | 41 | 62.3 | 4.56 | |
| Little River | 100 | 43 | 71.1 | 8.33 | | Lawrence | 100 | 68 | 81.6 | 3.56 | | Fairiver | 86 | 49 | 60.0 | 3.93 | |
| Macksville | 98 | 40 | 70.0 | 6.46 | | Libertyhill | 98 | 61 | 82.1 | 3.10 | | Fiskdale | | | | | 4.23 |
| McPherson | 102 | 40 | 70.8 | 8.35 | | Mansfield | 98 | 62 | 80.6 | 2.07 | | Fitchburg a ¹ | 86 | 44 | 62.6 | 4.13 | |
| Madison | 99 | 40 | 71.2 | 9.49 | | Melville | 97 | 63 | 80.9 | 3.80 | | Fitchburg b | 91 | 36 | 64.0 | 4.09 | |
| Manhattan b | 100 | 44 | 71.6 | 5.37 | | Minden | 104 | 63 | 82.3 | 2.13 | | Framingham | 91 | 36 | 64.2 | 3.41 | |
| Manhattan c | 104 | 41 | 71.8 | 5.34 | | Monroe | 102 | 60 | 82.0 | 2.01 | | Groton | 89 | 35 | 62.8 | 4.12 | |
| Marion | 97 | 43 | 72.2 | 6.15 | | Montgomery | 92 | 65 | 79.0 | 3.64 | | Hyannis ¹ | 86 | 45 | 63.7 | 3.47 | |
| Medicine Lodge | 99 | 41 | 71.7 | 8.10 | | Opelousas | 98 | 61 | 81.0 | 2.46 | | Jefferson | | | | | 2.77 |
| Minneapolis | 101 | 40 | 71.1 | 4.77 | | Oxford | 98 | 62 | 80.4 | 0.75 | | Lawrence | 90 | 38 | 63.6 | 3.39 | |
| Moran | 95 | 45 | 71.4 | 9.53 | | Paincourtville | 99 | 65 | 81.6 | 2.70 | | Leeds | 90 | 35 | 64.5 | 1.84 | |
| Mount hope | | | | 5.29 | | Plain Dealing | 102 | 62 | 81.5 | 3.60 | | Leominster | | | | | 3.26 |
| Ness City | 101 | 40 | 71.1 | 4.65 | | Prevost ¹ | 96 | 69 | 80.4 | 4.24 | | Longplain | 80 | 38 | 65.0 | 4.20 | |
| Newton | 102 | 42 | 70.6 | 5.96 | | Rayne | 101 | 62 | 82.3 | 1.15 | | Lowell a | 92 | 37 | 63.4 | | |
| Norwich | 100 | 44 | 73.0 | 4.78 | | Robeline | 98 | 63 | 80.2 | 2.20 | | Ludlow Center | 81 | 30 | 60.8 | 3.18 | |
| Olathe | 98 | 45 | 71.6 | 5.31 | | Ruston | 100 | 67 | 81.8 | 3.56 | | Middleboro | 88 | 32 | 62.7 | 3.58 | |
| Osage City | 98 | 41 | 70.6 | 7.83 | | Schriever | 100 | 62 | 81.5 | 3.26 | | Monson | 88 | 36 | 63.9 | 2.08 | |
| Oswego | 102 | 48 | 74.1 | 8.03 | | Shellbeach | 97 | 70 | 82.2 | 3.10 | | New Bedford a | 87 | 42 | 65.2 | 4.19 | |
| Ottawa | 95 | 43 | 70.8 | 6.42 | | Southern University | 97 ¹ | 64 | 78.6 ¹ | 4.88 | | Pittsfield | 85 | 34 | 63.6 | 1.89 | |
| Phillipsburg | 104 | 40 | 70.1 | 4.82 | | Sugar Ex. Station | 95 | 61 | 81.4 | 3.85 | | Plymouth | | | | | 3.23 |
| Pratt | 100 | 41 | 72.3 | 3.66 | | Sugartown | 95 | 70 | 82.2 | 0.54 | | Princeton | | | | | 3.68 |
| Rome | 100 | 44 | 73.3 | 7.59 | | Venice | 98 | 66 | 81.2 | 7.05 | | Provincetown | 88 | 46 | 65.5 | 3.24 | |
| Salina | 102 | 43 | 70.4 | 5.45 | | White Sulphur Springs | | | | | | Salem | 88 | 46 | 65.5 | 4.24 | |
| Sedan | 96 | 44 | 72.9 | 8.12 | | Belfast * ⁶ | 83 | 36 | 60.2 | 3.05 | | Somerset ¹ | 93 | 40 | 67.9 | 4.37 | |
| Seneca | 97 | 42 | 68.1 | 3.93 | | Bemis | 88 | 28 | 58.2 | 3.06 | | South Clinton | | | | | 3.85 |
| Toronto | 101 | 44 | 72.7 | 13.41 | | Calais | 94 | 32 | 58.4 | 3.21 | | Springfield Armory | 93 | 35 | 65.4 | 2.52 | |
| Tribune | 95 | 35 | 65.3 | 1.17 | | Carmel | 97 | 25 | 58.6 | 3.10 | | Sterling | | | | | 3.47 |
| Ulysses | 100 | 31 | 67.4 | 1.97 | | Cornish ¹ | 92 | 38 | 60.6 | 2.98 | | Taunton c | 8 | | | | |

TABLE II.—Climatological record of voluntary and other cooperating observers.—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|------------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|------------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|-----------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| <i>Michigan</i> —Cont'd. | | | | | | <i>Minnesota</i> —Cont'd. | | | | | | <i>Mississippi</i> —Cont'd. | | | | | |
| Charlevoix | 0 | 0 | 0 | In. s. | In. s. | Brainerd | 0 | 31 | 59.4 | 2.43 | In. s. | Stonington* ¹ | 0 | 66 | 81.4 | Ins. | Ins. |
| Chatham | 90 | 44 | 64.0 | 7.99 | | Caledonia | 91 | 35 | 61.3 | 6.28 | | Thornton | 95 | 62 | 81.4 | 2.80 | |
| Cheboygan | 87 | 40 | 58.2 | 8.88 | | Campbell | 89 | 39 | 57.6 | 3.96 | | Tupelo | 97 | 62 | 80.2 | 2.28 | |
| Clinton | 93 | 35 | 62.6 | 8.43 | | Collegeville | 88 | 35 | 60.4 | 4.65 | | Walnutgrove | 97 | 58 | 77.7 | 0.65 | |
| Coldwater | 95 | 36 | 68.0 | 1.61 | | Crookston | 91 | 30 | 56.8 | 5.08 | | Watervalley | 91 | 58 | 77.7 | 2.23 | |
| Deerpark | 93 | 32 | 66.6 | 1.16 | | Currie | 93 | 30 | 61.8 | 6.08 | | Waynesboro | 91 | 58 | 77.7 | 5.05 | |
| Detour | 90 | 36 | 58.8 | 7.18 | | Deephaven | | | | 9.06 | | Woodsville | 98 | 67 | 81.5 | 0.97 | |
| Dundee | 81 | 40 | 60.4 | 7.15 | | Detroit City | 89 | 24 | 56.0 | 5.12 | | Yazoo City | 100 | 59 | 81.0 | 1.75 | |
| Eagle Harbor | 93 | 38 | 67.2 | 1.43 | | Faribault | 90 | 32 | 61.4 | 7.63 | | <i>Missouri</i> . | | | | | |
| East Tawas | 86 | 40 | 63.4 | 0.99 | | Farmington | 90 | 32 | 59.7 | 8.18 | | Appleton City | 98 | 48 | 73.4 | 6.31 | |
| Eloise | 94 | 40 | 67.2 | 1.51 | | Fergus Falls | 88 | 31 | 58.0 | 4.27 | | Arthur* ⁸ | | | | | |
| Ewen | | | | 4.50 | | Glencoe | 90 | 24 | 58.4 | 7.50 | | Avalon | 98 | 37 | 69.4 | 4.69 | |
| Fairview | 89 | 38 | 65.6 | 1.10 | | Grand Marais | | | | 9.05 | | Bethany | 35 | 29 | 67.4 | 5.01 | |
| Fitchburg | | | | 1.37 | | Grand Meadow | 93 | 32 | 61.2 | 6.30 | | Birchtree | 91 | 45 | 73.6 | 3.20 | |
| Flint | 90 | 35 | 64.2 | 1.60 | | Hallcock | 86 | 30 | 55.2 | 15.30 | | Boonville | | | | | |
| Frankfort | 87 | 50 | 63.4 | ... | | Hovland | | | | 7.68 | | Brunswick | 92 | 43 | 68.6 | 4.90 | |
| Gaylord | 89 | 32 | 60.4 | 5.80 | | Lake Jennie | 93 | 31 | 61.6 | 7.44 | | Carrollton | 93 | 42 | 69.4 | 4.56 | |
| Gladwin | 89 | 33 | 63.4 | 1.10 | | Lakeside | 90 | 29 | 60.2 | 8.09 | | Conception | 89 | 40 | 67.4 | 1.78 | |
| Grand Rapids | 93 | 39 | 66.1 | 1.87 | | Lake Winnibigoshish | 85 | 35 | 56.8 | 9.40 | | Cook Station | 97 | 40 | 72.6 | 2.80 | |
| Grape | 94 | 37 | 67.2 | 1.56 | | Leech ¹ | 87 | 35 | 55.0 | 3.30 | | Cowgill ⁶ | 92 | 40 | 68.6 | 5.81 | |
| Grayling | 88 | 32 | 60.8 | 5.50 | | Leroy | | | | 9.98 | | Darksville | 97 | 39 | 69.2 | 3.10 | |
| Hanover | 94 | 32 | 66.0 | 1.17 | | Long Prairie | 89 | 26 | 58.5 | 3.26 | | Downing | | | | 5.88 | |
| Harbor Beach | 92 | 36 | 64.1 | 0.94 | | Luverne | 87 | 30 | 58.9 | 7.58 | | East Lynne* ⁸ | 90 | 46 | 68.0 | 6.47 | |
| Harrison | 87 | 38 | 63.3 | 3.39 | | Lynd | | | | 4.46 | | Edgell* ⁵ | 90 | 42 | 71.2 | 1.18 | |
| Harrisville | 93 | 38 | 63.4 | 2.25 | | Mapleplain | 90 | 33 | 60.4 | 9.71 | | Edwards | 95 | 46 | 72.0 | 4.51 | |
| Hart | 91 | 36 | 63.6 | 2.18 | | Milaca | 95 | 32 | 58.4 | 2.71 | | Eldon | 93 | 41 | 71.0 | 4.35 | |
| Hastings | 92 | 32 | 61.6 | 1.44 | | Milar ² | 91 | 24 | 57.2 | 3.96 | | Elmira | 96 | 38 | 69.3 | 6.51 | |
| Hayes | 90 | 36 | 62.2 | 2.05 | | Minneapolis a | 92 | 33 | 60.0 | 7.53 | | Fairport | | | | 3.81 | |
| Highland Station | | | | 1.36 | | Minneapolis b | 91* | 33 | 60.5 | 7.85 | | Fayette | 95 | 42 | 70.8 | 4.76 | |
| Hillsdale | 92 | 31 | 65.7 | 1.55 | | Morris | 90 | 32 | 60.2 | 2.33 | | Galena | | | | 4.08 | |
| Humboldt | 84 | 19 | 52.0 | 8.48 | 0.8 | Mount Iron | 86 | 28 | 55.2 | 10.03 | | Gallatin* ¹ | 96 | 40 | 69.4 | 5.47 | |
| Ionia | 92 | 31 | 64.8 | 0.95 | | Newfolden | 88 | 27 | 54.4 | 10.49 | | Gayoso | 93 | 47 | 76.0 | 5.38 | |
| Iron River | 83 | 27 | 55.0 | 6.91 | T. | New London | 93 | 29 | 59.4 | 4.95 | | Glasgow | 92 | 42 | 70.2 | 4.61 | |
| Ishpeming | 87 | 30 | 56.1 | 9.60 | 2.0 | New Richland* ¹ | 92 | 34 | 60.9 | ... | | Gorin | | | | 3.81 | |
| Ivan | 89 | 34 | 59.8 | 6.04 | | New Ulm | 93 | 32 | 61.8 | 7.17 | | Halfway | 93 | 47 | 72.6 | 6.67 | |
| Jackson | 95 | 36 | 67.7 | 1.17 | | Park Rapids | 89 | 28 | 56.2 | 4.34 | | Harrisonville | 96 | 43 | 70.2 | 5.70 | |
| Jeddo | 92 | 40 | 64.6 | 1.44 | | Pine River | 87 | 34 | 58.0 | 5.44 | | Hazelhurst | | | | 4.30 | |
| Kalamazoo ¹ | 91 | 37 | 67.5 | 0.33 | | Pipestone | 87 | 29 | 56.6 | 6.82 | | Hermann | | | | 5.04 | |
| Lake City | 87 | 35 | 61.7 | 1.20 | | Pleasant Mounds | 91 | 33 | 60.8 | 8.06 | | Houston | 91 | 42 | 71.6 | 5.87 | |
| Lansing | 90 | 36 | 63.6 | 1.27 | | Pokegama Falls | 87 | 28 | 55.7 | 6.79 | | Houstonia (near) | | | | 5.11 | |
| Lathrop | 84 | 31 | 55.4 | 7.55 | | Redwing | | | | 6.70 | | Irene | | | | 4.06 | |
| Lincoln | 87 | 36 | 62.0 | 2.49 | | Reeds | | | | 7.36 | | Ironton | 95 | 39 | 71.8 | 1.70 | |
| Ludington | 87 | 35 | 66.4 | 1.85 | | Rolling Green | 88 | 34 | 61.3 | 8.58 | | Jackson* ⁸ | 93 | 51 | 71.6 | 4.39 | |
| Mackinac Island | 83 | 37 | 60.3 | 7.17 | | Aberdeen | 95 | 50 | 76.8 | 0.65 | | Jefferson City | 95 | 40 | 71.4 | 4.29 | |
| Mackinaw | 87 | 34 | 61.9 | 13.44 | | Agricultural College | 99 | 55 | 81.4 | 0.63 | | Kidder | 94 | 37 | 68.6 | 8.15 | |
| Madison | 92 | 40 | 67.2 | 1.92 | | Austin | 95 | 51 | 78.2 | 3.38 | | Koshkonong | 93 | 51 | 75.4 | 2.97 | |
| Mancelona | 83 | 34 | 62.2 | 5.40 | | Batesville | 96 | 50 | 77.3 | 4.22 | | Lamar | 99 | 48 | 74.4 | 5.02 | |
| Manistique | 82 | 37 | 59.4 | 5.67 | | Bay St. Louis | 96 | 68 | 81.0 | 8.51 | | Lamotte | | | | 6.50 | |
| Menominee | 87 | 34 | 64.3 | 4.86 | | Biloxi | 98 | 68 | 81.9 | 7.15 | | Lebanon | 91 | 50 | 72.6 | 4.48 | |
| Middle Island* ¹⁰ | 83 | 34 | 63.8 | ... | | Booneville | 93 | 50 | 77.0 | 2.04 | | Lexington | 97 | 41 | 71.3 | 4.99 | |
| Midland | 90 | 34 | 62.6 | 1.05 | | Canon | 101 | 57 | 80.2 | 1.83 | | Liberty | 96 | 40 | 69.6 | 7.10 | |
| Mottville | 93 | 30 | 65.2 | 0.99 | | Columbus a | | | | 2.18 | | Louisiana | 97 | 38 | 70.9 | 4.32 | |
| Mount Clemens | 95 | 38 | 67.4 | 0.73 | | Columbus b | 95 | 57 | 79.4 | 2.16 | | McCune* ¹ | 96 | 44 | 70.2 | 8.83 | |
| Mount Pleasant | 91 | 35 | 64.0 | 1.31 | | Corinth | 96 | 50 | 77.8 | 2.07 | | Macon | 96 | 37 | 70.4 | 5.33 | |
| Muskegon | 89 | 37 | 62.6 | 1.62 | | Crystalsprings | 99 | 59 | 80.4 | 1.80 | | Marblehill | 96 | 40 | 73.6 | 5.81 | |
| Newberry | 85 | 30 | 51.4 | 2.41 | | Edwards | 98 | 62 | 81.8 | 1.34 | | Marshall | 92 | 39 | 68.2 | 6.61 | |
| North Marshall | 91 | 36 | 64.2 | 0.60 | | Fayette | 97 | 62 | 80.0 | 0.85 | | Maryville | 96 | 38 | 67.6 | 3.80 | |
| Northport | 90 | 42 | 63.8 | 7.35 | | Fayette (near)* ¹ | 98 | 70 | 82.1 | ... | | Mexico | 98 | 39 | 71.2 | 3.12 | |
| Oil Mission | 92 | 44 | 63.3 | 4.47 | | Greenville a | 95 | 60 | 80.2 | 2.75 | | Miami* ⁵ | 91 | 43 | 70.0 | 4.21 | |
| Olivet | 87 | 39 | 64.4 | 1.05 | | Greenville b | 98 | 58 | 80.5 | 2.58 | | Mineralspring | 89 | 46 | 70.1 | 5.69 | |
| Omer | | | | 0.70 | | Greenwood | 96 | 61 | 80.8 | 1.83 | | Montreal | 90 | 47 | 71.6 | 3.47 | |
| Ontonagon | 89 | 36 | 59.0 | 6.20 | | Hattiesburg | 95 | 70 | 82.5 | 2.38 | | Mount Vernon | 98 | 53 | 74.7 | 9.24 | |
| Ovid | 73 | 32 | 66.0 | 0.65 | | Hazlehurst | 101 | 62 | 81.4 | 1.42 | | Neosho | 94 | 47 | 73.0 | 10.57 | |
| Owosso | 97 | 83 | 67.4 | 1.44 | | Hernando | 94 | 54 | 79.2 | 1.28 | | Nevada | | | | 7.11 | |
| Plymouth | | | | 1.14 | | Holy Springs | 93 | 54 | 78.2 | 2.65 | | New Haven | 95 | 44 | 72.7 | 4.65 | |
| Port Austin | 92 | 40 | 64.6 | 1.15 | | Kosciusko | 101 | 54 | 77.8 | 1.08 | | New Madrid | 94 | 50 | 72.2 | 5.67 | |
| Powers | 88 | 30 | 59.8 | 3.25 | | Lake | 102 | 56 | 79.6 | 3.70 | | New Palestine | 92 | 42 | 70.2 | 4.76 | |
| Reed City | 89 | 35 | 65.2 | 3.41 | | Latonia | 94 | 53 | 78.2 | 1.30 | | Oakfield | 96 | 41 | 73.2 | 3.81 | |
| Roscommon | 88 | 28 | 58.8 | 2.65 | | Leakesville | 98 | 60 | 80.6 | 5.41 | | Oden | 90 | 46 | 71.6 | 3.41 | |
| Saginaw | 92 | 37 | 65.8 | 1.31 | | Logtown | 99 | 65 | 80.2 | 6.18 | | Oregon a | 98 | 41 | 68.4 | 5.38 | |
| St. Ignace | 84 | 37 | 60.2 | 7.40 | | Louisville | 99 | 54 | 78.8 | 1.05 | | Oregon b | 97 | 42 | 71.4 | 4.94 | |
| St. Johns ⁴ | 91 | 37 | 64.3 | 1.48 | | Macomb | 97 | 54 | 79.0 | 0.78 | | Palmyra* ⁶ | 94 | 38 | 69.7 | 3.83 | |
| Sidnaw | 88 | 28 | 55.4 | 7.61 | T. | Magnolia | 97 | 63 | 80.5 | 1.13 | | Phillipsburg* ¹ | 89 | 49 | 71.0 | 6.53 | |
| Somerset | 91 | 40 | 66.2 | 1.00 | | Natchez | 100 | 67 | 82.8 | 1.80 | | Pickerling* ³ | 88 | 33 | 63.5 | 5.24 | |
| South Haven | 90 | 33 | 65.2 | 1.28 | | Okolona | 98 | 51 | 78.8 | 1.10 | | Pine Hill | | | | 3.28 | |
| Stanton | 92 | 34 | 65.0 | 2.44 | | Palo Alto | 96 | 56 | 79.8 | 1.78 | | Poplarbluff | 96 | 47 | 75.7 | 3.32 | |
| Thomaston | 85 | 25 | 53.6 | 3.83 | | Pontotoc | 94 | 51 | 78.2 | 2.70 | | Potosi | 94 | 38 | 70.9 | 1.64 | |
| Thornville | 90 | 39 | 64.9 | 1.39 | | Port Gibson | 101 | 59 | 80.9 | 1.09 | | Princeton | 100 | 35 | 67.6 | 5.24</td | |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|---------------------------------|-------------------------------|----------|-------|--------------------------|--------------------------------|-----------------------------------|-------------------------------|----------|-------|--------------------------|-------------------------------|----------------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| | | | | | | | | | | | | | | | | | |
| <i>Missouri—Cont'd.</i> | o | o | o | Ins. | Ins. | <i>Nebraska—Cont'd.</i> | o | o | o | Ins. | Ins. | <i>Nevada—Cont'd.</i> | o | o | o | Ins. | Ins. |
| Willow springs | 91 | 43 | 71.6 | 2.82 | | Hartington | 97 | 33 | 62.0 | 4.09 | | Elko (near) | 80 | 17 | 51.8 | 0.10 | T. |
| Windsor | 93 | 42 | 70.8 | 3.84 | | Harvard | 95 | 39 | 66.0 | 6.37 | | Ely | 78 | 32 | 50.4 | 1.85 | |
| Wylie | 95 | 48 | 74.4 | 6.26 | | Hastings* ¹ | 98 | 40 | 64.7 | 4.11 | | Empire Ranch | 85 | 19 | 50.6 | 0.09 | 0.5 |
| Zeitonia | 99 | 45 | 75.6 | 1.86 | | Hay Springs | 95 | 27 | 59.8 | 2.39 | | Fenelon* ¹ | 80 | 30 | 51.0 | 0.00 | |
| <i>Montana.</i> | | | | | | Hebron | 99 | 37 | 68.5 | 3.02 | | Golconda* ¹ | 78 | 38 | 59.6 | 0.29 | |
| Billings | 94 | 21 | 57.6 | | | Hickman ..... | ..... | ..... | ..... | 2.55 | | Haileck* ¹ | 92 | 23 | 56.3 | 0.00 | |
| Boulder | 81 | 9 | 48.2 | 1.17 | T. | Holdrege* ¹ | 92 | 45 | 71.4 | 2.40 | | Hawthorne | 86 | 34 | 60.0 | 0.22 | |
| Bozeman | 84 | 19 | 53.1 | 1.24 | | Hooper* ¹ | 94 | 40 | 62.9 | 5.18 | | Hot Springs* ¹ | 90 | 42 | 63.2 | T. | |
| Butte | 78 | 20 | 51.8 | 1.40 | | Imperial | 103 | 28 | 65.6 | 0.13 | 0.2 | Humboldt* ¹ | 81 | 38 | 55.2 | 0.70 | |
| Canyon Ferry | 85 | 19 | 54.6 | 2.30 | 0.3 | Johnstown ..... | ..... | ..... | ..... | 0.25 | | Lee ..... | ..... | ..... | ..... | 0.19 | T. |
| Chinook | 84 | 20 | 53.6 | 2.22 | T. | Kearney | 95 | 23 | 62.2 | 0.38 | | Lewers Ranch | 89 | 26 | 56.2 | 0.87 | |
| Columbia Falls | 80 | 23 | 53.6 | 3.70 | | Kennedy ..... | ..... | ..... | ..... | 2.10 | | Los Vegas | 99 | 43 | 72.4 | 0.00 | |
| Corvallis | 83 | 30 | 56.4 | 0.90 | | Kimball | 90 | 32 | 58.8 | 1.56 | | Lovelocks* ¹ | 89 | 42 | 62.6 | 0.45 | |
| Crow Agency | 88 | 20 | 56.8 | 0.99 | 0.5 | Kirkwood* ¹ | 93 | 38 | 62.6 | 0.72 | | Martins | 82 | 35 | 59.3 | 0.07 | |
| Dell | 13* ¹ ..... | ..... | 0.45 | | Laclede | 93 | 39 | 65.4 | 7.10 | | Mill City* ¹ | 90 | 40 | 56.0 | 0.25 | | |
| Dillon | 91 | 12 | 52.2 | 1.34 | T. | Lexington | 95 | 34 | 64.2 | 2.71 | | Monitor Mill | 81 | 21 | 50.0 | 0.73 | 2.0 |
| Ekalaka | 100 | 25 | 60.3 | 1.87 | T. | Lodgepole | 94 | 30 | 60.5 | T. | | Palisade* ¹ | 87 | 30 | 60.6 | 0.00 | 4.5 |
| Fort Logan | 80 | 14 | 48.8 | 1.31 | | Loup ..... | ..... | ..... | ..... | 2.81 | | Palmetto | 79 | 22 | 52.0 | 1.20 | |
| Glasgow | 88 | 23 | 53.6 | 0.88 | | Lynch | 95 | 32 | 61.0 | 2.85 | | Reno State University | 86 | 28 | 55.8 | 0.67 | |
| Glendive | 94 | 22 | 55.6 | 2.90 | T. | Lyons ..... | ..... | ..... | ..... | 6.47 | | Silverpeak | 92 | 32 | 62.4 | T. | |
| Glenwood | 85 | 13 | 52.0 | 2.20 | | McCook* ¹ | 96 | 36 | 67.3 | 0.64 | | Tecoma* ¹ | 87 | 30 | 59.4 | T. | |
| Greatfalls | 79 | 22 | 54.1 | 1.17 | 0.7 | Madison | 94 | 39 | 63.4 | 7.73 | | Toano* ¹ | 85 | 28 | 52.4 | T. | |
| Kipp | 81 | 15 | 48.4 | 2.69 | 7.5 | Madrid | 101 | 28 | 65.2 | T. | | Tybo | 82 | 28 | 56.0 | 1.03 | T. |
| Lewistown | 85 | 9 | 51.8 | 0.80 | T. | Marquette ..... | ..... | ..... | ..... | 5.51 | | Verdi* ¹ | 76 | 28 | 50.4 | 0.00 | |
| Livingston | 83 | 23 | 56.7 | 0.90 | | Merriman ..... | ..... | ..... | ..... | 0.00 | | Wadsworth* ¹ | 84 | 30 | 54.4 | 0.84 | |
| Manhattan | 85 | 12 | 53.6 | 0.28 | | Minden | 100 | 37 | 66.3 | 4.16 | | Wells ..... | ..... | ..... | ..... | 0.02 | T. |
| Martin'sdale | 86 | 8 | 51.4 | 0.46 | 0.5 | Monroe ..... | ..... | ..... | ..... | 10.20 | | <i>New Hampshire.</i> | ..... | ..... | ..... | ..... |  |
| Missoula | 89 | 26 | 55.4 | 2.25 | | Nebraska City b ..... | ..... | ..... | ..... | 3.04 | | Aisted ..... | ..... | ..... | ..... | 2.28 | |
| Parrot | 85 | 20 | 53.4 | 0.80 | | Nebraska City c | 94 | 38 | 67.8 | 3.61 | | Berlin Mills | 99 | 28 | 59.0 | 4.78 | |
| Plains | 88 | 22 | 55.0 | 2.80 | | Nemaha* ¹ | 96 | 45 | 66.5 | 4.08 | | Bethlehem | 86 | 32 | 58.3 | 4.16 | |
| Poplar | 86 | 22 | 55.8 | 2.52 | | Nesbit | 98 | 30 | 62.4 | 0.15 | 1.0 | Brookline* ¹ | 90 | 34 | 62.9 | 4.66 | |
| Red Lodge | 85 | 16 | 49.6 | | Norfolk | 97 | 34 | 63.0 | 4.78 | | Claremont | 93 | 29 | 62.6 | 1.75 | | |
| Ridgeland | 90 | 19 | 54.8 | 3.28 | T. | North Loup | 100 | 30 | 65.7 | 2.11 | | Concord | 91 | 31 | 61.2 | 2.68 | |
| St. Pauls | 84 | 18 | 53.0 | 1.41 | | Oskdale | 98 | 34 | 63.4 | 3.14 | | Durham | 93 | 32 | 62.0 | 3.80 | |
| Troy | 87 | 23 | 56.2 | 2.26 | | Odell | 100 | 44 | 71.6 | 4.63 | | Grafton | 92 | 27 | 59.3 | 2.39 | |
| Twin Bridges ^d | 87 | 15 | 51.4 | | Seward | 92 | 34 | 62.3 | 1.94 | | Hanover | 91 | 29 | 61.2 | 1.35 | | |
| Utica | 87 | 13 | 51.6 | 0.82 | 1.0 | Smithfield ..... | ..... | ..... | ..... | 1.57 | | Keene | 90 | 30 | 62.3 | 2.79 | |
| Yale | 88 | 12 | 52.6 | 0.33 | T. | Plattsmouth b | 96 | 42 | 66.0 | 2.94 | | Littleton | 88 | 28 | 58.2 | 3.65 | |
| <i>Nebraska.</i> | ..... | ..... | ..... | ..... | Pleasant Hill | 98 | 36 | 66.3 | 2.43 | | Nashua | 92 | 34 | 63.7 | 3.63 | | |
| Agate ..... | ..... | ..... | 2.29 | | Ravenna a ..... | ..... | ..... | ..... | 7.41 | | Newton | 90 | 31 | 60.9 | 5.81 | | |
| Agee ..... | ..... | ..... | 2.76 | | Ravenna b ..... | ..... | ..... | ..... | 0.00 | | North Conway | 97 | 31 | 61.0 | 1.78 | | |
| Albion | 96 | 33 | 64.3 | 3.73 | | Red cloud b* ¹ | 94 | 38 | 67.0 | 3.92 | | Peterboro | 88 | 30 | 60.4 | 4.15 | |
| Alliance ..... | ..... | ..... | 1.00 | | Republican* ¹ | 98 | 40 | 68.0 | 3.35 | | Plymouth | 93 | 29 | 60.2 | 1.61 | | |
| Alma | 100 | 33 | 68.7 | 2.02 | | Rulo ..... | ..... | ..... | ..... | 0.65 | | Sanbornton | 92 | 32 | 60.4 | 3.54 | |
| Ansley | 98 | 33 | 63.7 | 2.91 | | St. Libery ..... | ..... | ..... | ..... | 3.53 | | Stratford | 91 | 28 | 59.4 | 4.33 | |
| Arapaho* ¹ | 92 | 38 | 70.8 | 1.80 | | St. Paul | 101 | 31 | 64.8 | 3.55 | | Warren ..... | ..... | ..... | ..... | 3.48 | |
| Arborville* ¹ | 96 | 40 | 64.8 | 7.81 | | Salem* ¹ | 92 | 45 | 69.4 | 2.76 | | <i>New Jersey.</i> | ..... | ..... | ..... | ..... |  |
| Arcadia ..... | ..... | ..... | 0.54 | | Santee | 101 | 30 | 65.0 | 2.44 | | Asbury Park | 93 | 51 | 71.0 | 2.12 | | |
| Arlington ..... | ..... | ..... | 5.45 | | Sargent ..... | ..... | ..... | ..... | 2.57 | | Bayonne | 95 | 46 | 71.4 | 3.03 | | |
| Ashland a | 97 | 39 | 67.6 | 2.76 | | Schuyler ..... | ..... | ..... | ..... | 7.05 | | Belvidere | 93 | 39 | 70.2 | 2.06 | |
| Ashland b ..... | ..... | ..... | 3.55 | | Seneca* ¹ | 92 | 34 | 61.6 | 0.00 | | Bergen Point | 92 | 48 | 69.5 | 3.11 | | |
| Ashton ..... | ..... | ..... | 2.09 | | Stratton ..... | ..... | ..... | ..... | 5.30 | | Beverly | 95 | 42 | 71.2 | 4.88 | | |
| Auburn | 95 | 41 | 67.8 | 3.96 | | Superior* ⁶ | 98 | 40 | 69.0 | 2.90 | | Billingsport* ¹ | 89 | 52 | 71.0 | 7.37 | |
| Aurora* ¹ | 97 | 42 | 66.2 | 6.15 | | Syracuse ..... | ..... | ..... | ..... | 3.95 | | Bridgeton | 98 | 45 | 73.0 | 1.76 | |
| Beatrice | 99 | 36 | 68.4 | 3.80 | | Tablerock ..... | ..... | ..... | ..... | 2.57 | | Camden | 89 | 47 | 70.3 | 5.27 | |
| Beaver | 104 | 36 | 69.2 | 1.67 | | Weeping Water* ¹ | 92 | 36 | 62.9 | 2.67 | | Cape May C. H. | 96 | 46 | 73.2 | 1.09 | |
| Bellevue ..... | ..... | ..... | 3.64 | | Westpoint | 94 | 40 | 66.8 | 6.56 | | Charlotteburg | 92 | 33 | 65.8 | 2.16 | | |
| Benedict ..... | ..... | ..... | 0.06 | | Whitman ..... | ..... | ..... | ..... | 0.00 | | Chester | 90 | 40 | 66.1 | 2.44 | | |
| Blair | 94 | 39 | 64.8 | 4.73 | | Wilber* ¹ | 100 | 42 | 68.8 | 2.53 | | Clayton | 94 | 42 | 71.0 | 3.70 | |
| Bluehill ..... | ..... | ..... | 5.50 | | Winnebago ..... | ..... | ..... | ..... | 7.55 | | College Farm | 94 | 43 | 70.4 | 3.80 | | |
| Bradshaw ..... | ..... | ..... | 8.87 | | Wisner ..... | ..... | ..... | ..... | 8.78 | | Deckertown | 91 | 36 | 67.8 | 1.87 | | |
| Brokenbow* ¹ | 90 | 36 | 63.4 | 1.32 | | Wyo more ..... | ..... | ..... | ..... | 4.39 | | Dover | 92 | 37 | 67.1 | 3.02 | |
| Burchard ..... | ..... | ..... | 2.67 | | York ..... | ..... | ..... | ..... | 4.70 | | Egg Harbor City | 95 | 42 | 69.8 | 1.80 | | |
| Burwell ..... | ..... | ..... | 1.38 | | | | | | | | Elizabeth | 95 | 45 | 69.6 | 3.37 | | |
| Callaway | 94 | 31 | 62.0 | 1.90 | | | | | | | Englewood | 89 | 47 | 67.0 | 3.24 | | |
| Camp Clarke | 94 | 27 | 61.2 | 0.82 | | | | | | | Flemington | 94 | 41 | 70.3 | 1.83 | | |
| Central City ..... | ..... | ..... | 6.26 | | | | | | | | Freehold | 90 | 41 | 68.2 | 2.29 | | |
| Chest ..... | ..... | ..... | 2.61 | | | | | | | | Friesburg | 93 | 44 | 71.4 | 3.00 | | |
| Cody ..... | ..... | ..... | 0.30 | | | | | | | | Hampton ..... | ..... | ..... | ..... | 2.20 | | |
| Columbus | 90 | 38 | 62.5 | 7.95 | | | | | | | Hanover | 88 | 40 | 67.8 | 2.38 | | |
| Crete | 95 | 40 | 67.0 | 2.47 | | | | | | | Hightstown | 90 | 46 | 69.4 | 3.97 | | |
| Culbertson ..... | ..... | ..... | 0.70 | | | | | | | | Imlayshtown | 91 | 44 | 71.2 | 2.12 | | |
| Curtis | 98 | 40 | 66.5 | 1.04 | | | | | | | Lambertville | 95 | 40 | 70.5 | 2.86 | | |
| David City | 95 | 41 | 64.6 | 4.40 | | | | | | | Lebanon | 95 | 42 | 67.0 | 2.28 | | |
| Dawson | 99 | 40 | 70.0 | 2.62 | | | | | | | Moorestown | 93 | 44 | 70.8 | 5.58 | | |
| Eden ..... | ..... | ..... | 3.77 | | | | | | | | Mount Pleasant ..... | ..... | ..... | ..... | 1.30 | | |
| Edgar a ..... | ..... | ..... | 3.11 | | | | | | | | Newark | 94 | | | | | |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|--------------------------------|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|--------------------------|-------------------------------|----------|-------------------|--------------------------|-------------------------|---------------------------|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| | | | | | | | | | | | | | | | | | |
| New Mexico. | ° | ° | ° | Ins. | Ins. | New York—Cont'd. | ° | ° | ° | Ins. | Ins. | North Carolina—Cont'd | ° | ° | ° | Ins. | Ins. |
| Albert..... | 93 | 41 | 67.2 | 2.20 | | Liberty..... | 87 | 38 | 64.8 | 3.60 | | Plattsboro..... | 97 | 47 | 74.8 | 8.67 | |
| Albuquerque..... | 89 | 43 | 67.7 | 2.09 | | Littlefalls..... | 90 | 33 | 63.0 | 2.31 | | Rockingham..... | 98 | 51 | 76.4 | 1.50 | |
| Alma..... | 86 | 38 | 63.4 | 2.72 | | Lockport..... | 92 | 30 | 62.0 | 2.78 | | Roxboro..... | 98 | 49 | 75.6 | 1.52 | |
| Aztec..... | 85 | 30 | 62.2 | 1.18 | | Lowville..... | 92 | 30 | 62.0 | 2.46 | | Salem..... | 96 | 48 | 74.6 | 3.78 | |
| Bell ranch..... | | | | 1.97 | | Lyndonville..... | 92 | 47 | 67.1 | 2.01 | | Salisbury..... | 99 | 48 | 77.2 | 1.60 | |
| Bernalillo..... | 89 | 41 | 67.4 | 1.68 | | Mayle..... | 84 | 32 | 60.5 | 2.48 | | Saxon..... | 100 | 46 | 74.1 | 8.18 | |
| Bluewater..... | 86 | 26 | 60.2 | 3.30 | | Meredith..... | 84 | 32 | 60.4 | 2.23 | | Selma..... | 100 | 48 | 76.3 | 3.42 | |
| Cambray..... | | | | 1.78 | | Middletown..... | 90 | 40 | 66.4 | 2.23 | | Settle..... | 98 | 51 | 75.8 | 3.58 | |
| Deming..... | | | | 3.10 | | Mohonk Lake..... | 89 | 41 | 64.6 | 3.55 | | Sloan..... | 95 | 47 | 75.4 | 2.20 | |
| East Las Vegas..... | 77 | 40 | 60.6 | 4.27 | | Moira..... | 89 | 31 | 61.2 | 3.95 | | Soapstone Mount..... | 96 | 44 | 72.9 | 1.47 | |
| Engle..... | 94 | 39 | 69.7 | 1.74 | | Newark Valley..... | 86 | 27 | 59.8 | 2.33 | | Southern Pines a..... | 101 | 50 | 77.6 | 1.97 | |
| Espanola..... | 87 | 34 | 63.8 | 3.27 | | New Lisbon..... | 86 | 30 | 58.4 | 4.48 | | Southern Pines b..... | 98 | 52 | 77.0 | 2.00 | |
| Folsom..... | 86 | 30 | 60.2 | 2.14 | | North Germantown..... | 88 | 30 | 58.4 | 1.26 | | Southport..... | 93 | 58 | 78.8 | 1.41 | |
| Fort Bayard..... | 88 | 43 | 65.3 | 4.40 | | North Hammond..... | 90 | 42 | 63.8 | 2.43 | | Springhope*..... | 94 | 53 | 76.1 | 1.60 | |
| Fort Stanton..... | 83 | 40 | 62.8 | 6.06 | | North Lake..... | 84 | 37 | 59.0 | 2.60 | | Tarboro..... | 100 | 47 | 77.0 | 1.05 | |
| Fort Union..... | 83 | 30 | 59.9 | 5.03 | | Number Four..... | 84 | 30 | 58.4 | 2.33 | | Washington..... | 98 ^a | 54 ^b | 76.6 ^c | 1.04 | |
| Fort Wingate..... | 89 | 32 | 60.9 | 1.06 | | Nunda..... | 92 | 38 | 64.4 | 1.87 | | Waynesville..... | 88 | 39 | 67.2 | 2.49 | |
| Gage..... | | | | 3.13 | | Orgensburg..... | 89 | 37 | 63.3 | 2.90 | | Weldon a..... | 97 | 51 | 74.5 | 2.29 | |
| Galisteo..... | 92 | 39 | 63.4 | 3.21 | | Old Chatham..... | | | | | | Weldon b..... | | | | | 2.18 |
| Gallinas Spring..... | 90 | 42 | 64.4 | 4.92 | | Oneonta..... | 91 | 35 | 65.5 | 2.44 | | North Dakota. | | | | | |
| Hillsboro..... | 91 | 46 | 67.4 | 3.33 | | Oxford..... | 90 | 29 | 62.1 | 2.53 | | Amenia..... | 92 | 29 | 57.0 | 8.73 | |
| Horse Springs..... | 87 | 35 | 62.3 | 3.59 | | Palermo..... | 86 | 30 | 61.0 | 2.57 | | Ashley..... | 88 | 17 | 55.0 | 1.41 | |
| Las Vegas Hot Springs..... | 83 | 36 | 60.0 | 5.65 | | Penn Yan..... | 96 | 35 | 67.2 | 0.41 | | Berlin..... | 86 | 22 | 55.2 | 5.26 | |
| Lordsburg..... | | | | 2.71 | | Perry City..... | 95 | 32 | 63.4 | 1.07 | | Buxton..... | 88 | 29 | 55.0 | 7.15 | |
| Lower Pinosco..... | 87 ^a | 46 ^a | 66.2 ^a | 5.45 | | Phoenix..... | | | | | | Church's Ferry..... | 83 | 29 | 52.8 | 4.87 | |
| Lyon's Ranch..... | 98 | 44 | 70.0 | 5.55 | | Plattsburg Barracks..... | 89 | 38 | 62.3 | 2.14 | | Coalharbor..... | 86 | 23 | 54.6 | 7.08 | |
| Mesilla Park..... | 97 | 46 | 74.1 | 1.80 | | Port Byron..... | 89 | 34 | 64.3 | 2.20 | | Devils Lake..... | 94 | 30 | 56.6 | 4.54 | |
| Ohio..... | 87 | 30 | 62.4 | 0.63 | | Port Jervis..... | 95 | 36 | 66.7 | 1.85 | | Dickinson..... | 88 | 22 | 54.0 | 2.56 | |
| Raton..... | 85 | 35 | 62.0 | 1.70 | | Primrose..... | 93 | 42 | 66.9 | 8.90 | | Donnybrook..... | | | | | 6.29 |
| Roswell..... | 100 | 47 | 72.0 | 6.58 | | Red Hook..... | | | | | | Dunseith..... | 79 | 23 | 52.8 | 5.46 | |
| San Marcial ^a | 90 | 39 | 64.8 | | | Richmondville..... | 82 | 35 | 61.7 | 1.84 | | Ellendale..... | 90 | 26 | 53.4 | 4.86 | |
| Socorro..... | 95 | 43 | 70.4 | 1.75 | | Ridgeway..... | | | | | | Falconer..... | 88 | 24 | 56.2 | 5.80 | |
| Springer..... | 90 | 27 | 61.4 | 1.33 | | Rome..... | 87 | 32 | 61.5 | 3.35 | | Fargo..... | 90 | 26 | 56.5 | 3.27 | |
| Strauss..... | | | | 2.02 | | Romulus..... | 93 | 40 | 67.0 | 0.43 | | Forman ^b | 89 | 27 | 59.6 | 3.20 | |
| Whiteoaks..... | 89 | 46 | 67.2 | 3.99 | | Rose..... | | | | | | Fort Yates..... | 98 | 17 | 58.8 | 4.47 | |
| Winsors Ranch..... | 81 | 25 | 53.0 | 4.48 | | St. Johnsville..... | 92 | 31 | 63.8 | 1.34 | | Fullerton..... | 90 | 24 | 56.6 | 4.60 | |
| Woodbury..... | 89 | 42 | 65.4 | 2.01 | | Salisbury Mills..... | | | | | | Gallatin..... | 90 | 22 | 53.4 | 4.06 | |
| New York. | | | | | | Saranac Lake..... | 86 | 31 | 57.4 | 4.51 | | Glenullin..... | 85 | 21 | 53.8 | 3.95 | |
| Adams..... | | | | 3.91 | | Saratoga Springs..... | 88 | 36 | 63.2 | 0.78 | | Grafton..... | 83 | 31 | 54.8 | 9.61 | |
| Addison..... | 94 | 33 | 65.6 | 1.01 | | Schenectady..... | 95 | 38 | 66.4 | 1.15 | | Hamilton..... | 96 | 30 | 54.4 | 6.07 | |
| Akron..... | | | | 2.86 | | Scottsville..... | | | | | | Hannaford..... | 87 | 29 | 55.4 | 3.84 | |
| Alden..... | 92 | 40 | 67.8 | 3.26 | | Setauket..... | 87 | 45 | 67.8 | 2.31 | | Jamestown..... | 93 | 27 | 55.6 | 5.31 | |
| Alfred..... | | | | 1.51 | | Shortsville..... | 96 | 40 | 65.8 | 1.74 | | Langdon..... | 87 | 28 | 52.8 | 6.31 | |
| Angelica..... | 91 | 29 | 62.8 | 1.47 | | Skaneateles..... | | | | | | Laramore..... | 91 | 28 | 54.2 | 5.60 | |
| Appleton..... | 96 | 43 | 65.4 | 2.58 | | South Canisteo..... | 90 | 30 | 62.7 | 1.43 | | Lisbon..... | 90 | 26 | 57.1 | 3.77 | |
| Atlanta..... | 94 | 29 | 63.2 | 1.07 | | Southeast Reservoir..... | | | | | | McKinney..... | 83 | 23 | 51.5 | 4.38 | |
| Auburn..... | 94 | 37 | 66.9 | 1.30 | | South Kortright..... | 88 | 29 | 61.2 | 2.50 | | Mayville..... | 89 | 27 | 53.2 | 5.53 | |
| Avon..... | 95 | 35 | 64.7 | 1.77 | | Straits Corners..... | 93 | 40 | 67.0 | 1.91 | | Medora..... | 89 | 23 | 55.7 | 2.51 | |
| Axton..... | 84 ^a | 27 ^a | 57.2 ^a | 9.59 | | Ticonderoga..... | 92 | 35 | 64.4 | 1.44 | | Melville..... | 88 | 26 | 56.6 | 4.29 | |
| Baldwinsville..... | 91 | 36 | 64.9 | 1.73 | | Volusia..... | 91 | 40 | 64.4 | 4.46 | | Milton..... | 78 | 30 | 51.4 | 7.30 | |
| Bedford a..... | | | | 3.81 | | Watson..... | 91 | 32 | 64.0 | 3.26 | | Minnewaukon..... | 83 | 26 | 54.0 | 4.46 | |
| Beedes..... | 85 | 34 | 58.6 | 2.68 | | Wappingers Falls..... | 95 | 37 | 66.4 | 2.35 | | Minto..... | 88 | 30 | 55.6 | 9.72 | |
| Bisby Lodge..... | | | | 3.67 | | Warwick..... | | | | | | Napoleon..... | 90 | 23 | 55.8 | 2.63 | |
| Blue Mountain Lake..... | | | | 1.27 | | Watertown..... | 93 | 32 | 63.4 | 3.05 | | New England..... | 86 | 24 | 53.0 | 2.51 | |
| Bolivar..... | 91 | 28 | 61.8 | 2.18 | | Waverly..... | 97 | 28 | 66.4 | 1.12 | | Oakdale..... | 91 | 30 | 54.2 | 5.65 | |
| Bouchville..... | 86 | 33 | 61.9 | 1.21 | | Wedgewood..... | 99 | 39 | 65.8 | 0.90 | | Pembina..... | 91 | 30 | 50.7 | 3.95 | 1.0 |
| Boyd's Corners..... | | | | 3.27 | | West Berne..... | 95 | 31 | 64.4 | 0.77 | | Portal ^b | 84 | 26 | 50.7 | 3.95 | |
| Brockport..... | 94 | 40 | 65.0 | 3.02 | | West Chazy..... | 91 | 38 | 61.2 | 3.32 | | Power..... | 90 | 22 | 57.4 | 2.88 | |
| Caldwell..... | 86 | 37 | 62.8 | 0.81 | | Westfield a..... | 90 | 45 | 66.4 | 2.61 | | Sheyenne..... | 88 | 27 | 54.6 | 4.31 | |
| Canaan Four Corners..... | 86 | 33 | 63.6 | 1.94 | | Westfield b..... | 92 | 41 | 66.2 | 3.04 | | Steele..... | 93 | 22 | 56.2 | 4.19 | |
| Canajoharie..... | 91 | 31 | 63.6 | 0.67 | | Westfield c..... | 88 | 46 | 67.5 | 4.18 | | Towner..... | 83 | 25 | 53.0 | 9.33 | |
| Canton..... | 91 | 31 | 60.2 | 4.90 | | Williamson..... | | | | | | University..... | 89 | 32 | 54.4 | 4.90 | |
| Carmel..... | 96 | 43 | 67.6 | 3.54 | | Windham..... | 89 | 29 | 62.2 | 1.87 | | Wahpeton..... | 89 | 28 | 56.6 | 2.67 | |
| Carver Falls..... | 89 | 33 | 62.1 | 3.10 | | North Carolina. | | | | | | Willow City..... | 87 | 28 | 54.3 | 7.43 | |
| Catskill..... | 94 | 40 | 68.0 | 1.54 | | Abshers..... | 98 | 46 | 73.6 ^a | 5.46 | | Ohio. | | | | | |
| Cedarhill..... | 93 | 34 | 67.4 | 0.96 | | Asheville..... | | | | | | Akron..... | 92 | 42 | 67.2 | 3.22 | |
| Chenango Forks..... | | | | 3.29 | | Biltmore..... | 89 | 44 | 69.9 | 2.51 | | Annapolis..... | 96 ^a | 36 ^b | 63.6 ^c | 1.89 | |
| Cooperstown..... | 85 | 33 | 61.5 | 1.92 | | Bryson City..... | | | | | | Ashland..... | 90 | 41 | 68.4 | 1.69 | |
| Cortland..... | 92 | 38 | 66.0 | 2.00 | | Chapelhill..... | 100 | 49 | 76.7 | 3.40 | | Ashtabula..... | 91 ^a | 48 ^b | 66.6 ^c | 2.00 | |
| Cutchogue..... | 87 | 47 | 63.6 | 3.79 | | Cherryville..... | 97 | 47 | 75.4 | 2.01 | | Atwater..... | | | | | 2.83 |
| Dekalb Junction..... | | | | 4.46 | | Currituck..... | | | | | | Bellefontaine..... | 90 | 43 | 68.6 | 2.64 | |
| Easton..... | | | | 1.63 | | Edenton..... | 93 | 53 | 76.1 | 1.68 | | Benton Ridge..... | 93 | 37 | 68.2 | 1.66 | |
| Elba..... | 95 | 40 | 65.9 | 2.69 | | Fayetteville..... | 99 | 52 | 77.0 | 2.77 | | Bethany..... | 97 | 41 | 72.4 | 0.81 | |
| Elmira..... | 95 | 33 | 66.3 | 1.16 | | Goldsboro..... | 91 | 51 | 75.3 | 3.88 | | Bigprairie..... | 91 | 43 | 67.8 | 2.00 | |
| Fleming..... | 91 | 33 | 66.8 | 0.46 | | Greensboro..... | 97 | 51 | 75.0 | 2.34 | | Binoldi..... | | | | | 3.55 |
| Franklinville..... | 90 | 32 | 62.2 | 2.09 | | Henderson..... | 99 | 50 | | | | | | | | | |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|----------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|-------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|-----------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| <i>Ohio—Cont'd.</i> | ○ | ○ | ○ | Ins. | Ins. | <i>Oklahoma.</i> | ○ | ○ | ○ | Ins. | Ins. | <i>Pennsylvania—Cont'd.</i> | ○ | ○ | ○ | Ins. | Ins. |
| Dayton b..... | 99 | 44 | 72.8 | 0.99 | | Fort Reno..... | 99 | 46 | 73.1 | 11.41 | | Driftwood..... | ..... | ..... | ..... | 1.25 | |
| Defiance..... | 94 | 35 | 67.2 | 1.07 | | Fort Sill..... | 100 | 52 | 76.6 | 9.00 | | Duncannon..... | ..... | ..... | ..... | 2.60 | |
| Delaware..... | 94 | 48 | 69.6 | 0.62 | | Hennessey..... | 100 | 45 | 74.9 | 6.81 | | Dushore..... | 89 | 27 | 62.7 | 1.13 | |
| Demos..... | 92 | 43 | 69.7 | 1.88 | | Jefferson..... | 103 | 44 | 73.7 | 9.04 | | Dyberry..... | 92 | 80 | 68.5 | 3.73 | |
| Elyria..... | 94 | 41 | 67.8 | 2.35 | | Jenkins..... | 98 | 45 | 72.6 | 6.30 | | East Bloomsburg..... | ..... | ..... | ..... | 0.25 | |
| Findlay..... | 97 | 42 | 71.7 | 1.50 | | Kingfisher..... | 101 | 46 | 75.2 | 7.87 | | East Mauch Chunk..... | 92 | 85 | 68.1 | 1.20 | |
| Frankfort..... | 93 | 42 | 70.4 | 2.05 | | Norman..... | 97 | 51 | 75.6 | 6.77 | | Easton..... | 87 | 40 | 69.2 | 1.72 | |
| Garretttsville..... | 94 | 34 | 65.1 | 1.80 | | Prudence..... | 107 | 39 | 74.5 | 6.07 | | Ellwood Junction..... | ..... | ..... | ..... | 1.29 | |
| Granville..... | 98 | 41 | 68.4 | 3.12 | | Sac and Fox Agency..... | 99 | ..... | ..... | 8.00 | | Emporium..... | 88 | 88 | 65.2 | 1.36 | |
| Gratiot..... | 91 | 43 | 69.2 | 1.53 | | Stillwater..... | 97 | 50 | 74.9 | 9.22 | | Ephrata..... | 94 | 89 | 71.6 | 1.38 | |
| Green..... | 99 | 45 | 73.3 | 1.95 | | Taloga..... | 101 | 52 | 77.6 | 7.52 | | Forks of Neshaminy*1..... | 88 | 48 | 67.6 | 3.07 | |
| Greenfield..... | 92 | 47 | 71.8 | 2.15 | | Vittum..... | 95 | 51 | 75.2 | 10.55 | | Franklin..... | 93 | 89 | 66.2 | 3.09 | |
| Greenhill..... | 91 | 36 | 66.0 | 2.83 | | Waukomis..... | 105 | 46 | 74.9 | 7.90 | | Freeport..... | ..... | ..... | ..... | 1.03 | |
| Greenville..... | 90 | 43 | 68.5 | 3.65 | | Wood..... | 100 | 35 | 71.2 | 9.10 | | Girardville..... | ..... | ..... | ..... | 1.22 | |
| Hanging Rock..... | 100 | 41 | 72.9 | 1.28 | | Woodward..... | 100 | 46 | 75.4 | 5.11 | | Greensboro..... | ..... | ..... | ..... | 1.44 | |
| Hedges..... | 95 | 34 | 68.6 | 0.92 | | <i>Oregon.</i> | ..... | ..... | ..... | ..... |  | Hamburg..... | ..... | ..... | ..... | 1.60 | |
| Hillhouse..... | 94 | 36 | 65.1 | 2.00 | | Albany a*1..... | 86 | 46 | 62.5 | 2.72 | | Hawthorn..... | 95 | 37 | 68.1 | 2.52 | |
| Hillsboro..... | 94 | 42 | 70.4 | 2.11 | | Albany b..... | ..... | ..... | ..... | ..... |  | Hews Island Dam..... | ..... | ..... | ..... | 0.89 | |
| Hiram..... | 92 | 43 | 66.8 | 2.09 | | Alpha..... | 90 | 35 | 59.3 | 2.88 | | Huntingdon a..... | 98 | 83 | 69.6 | 0.89 | |
| Hudson..... | 95 | 37 | 66.0 | 3.02 | | Arlington..... | 89 | 50 | 65.8 | 0.26 | | Huntingdon b..... | ..... | ..... | ..... | 0.64 | |
| Jacksonboro..... | 98 | 43 | 73.6 | 0.45 | | Ashland b..... | 90 | 32 | 58.8 | 0.92 | | Irwin..... | ..... | ..... | ..... | 0.58 | |
| Kenton..... | 96 | 43 | 72.8 | 1.52 | | Aurora *1..... | 90 | 41 | 59.9 | 2.47 | | Johnstown..... | 95 | 39 | 69.9 | 1.50 | |
| Killbuck..... | 90 | 43 | 67.5 | 1.68 | | Aurora (near)..... | 88 | 37 | 57.8 | 2.79 | | Karthaus..... | ..... | ..... | ..... | 0.28 | |
| Lancaster..... | 94 | 44 | 70.6 | 1.33 | | Bandon..... | 69 | 41 | 57.2 | 0.77 | | Keating..... | ..... | ..... | ..... | 2.06 | |
| Leipsic..... | 93 | 35 | 65.8 | 0.70 | | Bay City..... | 80 | 37 | 56.6 | 2.90 | | Kennett Square..... | 91 | 43 | 71.0 | 5.16 | |
| Logan..... | 39 | ..... | 0.80 | | Brownsville*1..... | 88 | 44 | 62.4 | 1.52 | | Lawrenceville..... | 96 | 27 | 63.5 | 0.96 | | |
| McConnellsville..... | 98 | 43 | 71.0 | 1.11 | | Bullrun..... | 76 | 40 | 56.2 | 4.89 | | Lebanon..... | 92 | 37 | 69.8 | 1.84 | T. |
| Mansfield..... | ..... | ..... | 2.23 | | Burns..... | 86 | 25 | 52.1 | 0.24 | | Leroy..... | 94 | 36 | 66.5 | 0.54 | | |
| Marietta..... | 92 | 48 | 71.4 | 0.86 | | Cascade Locks..... | 88 | 40 | 59.8 | 3.00 | | Lewisburg..... | 94 | 33 | 68.6 | 0.65 | |
| Marion..... | 95 | 42 | 70.4 | 2.99 | | Comstock *1..... | 85 | 36 | 58.7 | 2.70 | | Lockhaven a..... | 93 | 37 | 69.8 | 0.61 | |
| Medina..... | 95 | 39 | 67.9 | 3.51 | | Coquille..... | 89 | 36 | 58.4 | 0.70 | | Lockhaven b..... | ..... | ..... | ..... | 0.65 | |
| Milfordton..... | 92 | 43 | 68.0 | 2.43 | | Corvallis..... | 88 | 26 | 57.0 | 1.36 | | Lock No. 4..... | ..... | ..... | ..... | 0.48 | |
| Milligan..... | 97 | 35 | 69.6 | 0.92 | | Dayville..... | 79 | 31 | 49.0 | 5.81 | | Lycopus..... | 95 | 44 | 70.8 | 1.87 | |
| Montpelier..... | 93 | 35 | 66.7 | 1.68 | | Ella..... | 85 | 32 | 60.0 | 0.70 | | Mifflin..... | ..... | ..... | ..... | 0.20 | |
| Napoleon..... | 92 | 38 | 68.8 | 1.34 | | Fairview..... | 89 | 40 | 56.0 | 2.42 | | Oil City..... | ..... | ..... | ..... | 2.46 | |
| Neapolis..... | ..... | ..... | 1.26 | | Hare..... | 79 | 43 | 57.8 | 1.32 | | Parker..... | ..... | ..... | ..... | 1.63 | | |
| New Alexandria..... | 90 | 44 | 69.4 | 1.05 | | Gardiner..... | 78 | 45 | 59.7 | 2.74 | | Philadelphia..... | 90 | 48 | 72.2 | 6.22 | |
| New Berlin..... | 93 | 40 | 67.8 | 2.12 | | Glenora..... | 92 | 35 | 57.5 | 4.06 | | Quakertown..... | 92 | 38 | 68.8 | 1.66 | |
| New Bremen..... | 95 | 37 | 69.2 | 1.84 | | Government Camp..... | 79 | 31 | 49.0 | 5.81 | | Reading..... | ..... | ..... | ..... | 6.97 | |
| New Holland..... | 98 | 44 | 70.4 | 1.88 | | Grants Pass..... | 95 | 32 | 60.0 | 0.70 | | Renovo a..... | ..... | ..... | ..... | 1.23 | |
| New Paris..... | 94 | ..... | 1.04 | | Happy Valley..... | 83 | 18 | 50.0 | 1.78 | | Renovo b..... | 92 | 39 | 67.6 | 1.34 | | |
| New Richmond..... | 100 | 45 | 74.8 | 0.82 | | Hare..... | 79 | 43 | 57.8 | 1.32 | | Saegerstown..... | 94 | 35 | 64.6 | 2.81 | |
| New Waterford..... | 91 | 36 | 67.0 | 1.52 | | Hood River (near)..... | 91 | 34 | 60.0 | 1.89 | | St. Marys..... | 89 | 38 | 63.5 | 2.30 | |
| North Lewisburg..... | 93 | 42 | 69.2 | 1.25 | | Jacksonville..... | 94 | 36 | 60.4 | 0.38 | | Selinsgrove..... | 94 | 34 | 69.2 | 1.59 | |
| North Royalton..... | 95 | 43 | 68.4 | 3.71 | | Joseph..... | 82 | 23 | 51.6 | 1.86 | | Shawmont..... | ..... | ..... | ..... | 5.36 | |
| North Royalton..... | 93 | 40 | 67.4 | 1.32 | | Junction City *1..... | 86 | 40 | 60.2 | 2.54 | | Sinnamahoning..... | ..... | ..... | ..... | 0.42 | |
| Oberlin..... | 93 | 40 | 68.0 | 3.00 | | Kerby..... | 97 | 29 | 59.6 | 0.86 | | Smethport..... | 91 | 33 | 63.4 | 1.67 | |
| Ohio State University..... | 95 | 43 | 70.8 | 1.57 | | Lafayette *1..... | 90 | 46 | 59.7 | 1.80 | | Somerset..... | 94 | 32 | 67.2 | 0.60 | |
| Orangeville..... | 90 | 38 | 63.8 | 1.10 | | LaGrande..... | 86 | 30 | 57.5 | 1.17 | | South Eaton..... | 91 | 33 | 66.4 | 1.84 | |
| Ottawa..... | 95 | 37 | 69.8 | 1.11 | | Loherock..... | 84 | 20 | 51.1 | 0.96 | | State College..... | 93 | 37 | 68.0 | 0.63 | |
| Pataskala..... | 95 | 43 | 70.0 | 1.82 | | McMinnville..... | 91 | 35 | 58.1 | 2.00 | | Sunbury..... | ..... | ..... | ..... | 0.19 | |
| Perry..... | ..... | ..... | 1.62 | | Merlin *1..... | 90 | 44 | 62.7 | 0.95 | | Swarthmore..... | 87 | 46 | 69.8 | 6.90 | | |
| Philo..... | 96 | 42 | 70.5 | 0.32 | | Monmouth a*1..... | 85 | 42 | 59.0 | 3.22 | | Swiftwater..... | 86 | 36 | 63.9 | 1.86 | |
| Plattsburg..... | 92 | 41 | 70.4 | 4.12 | | Monroe..... | 85 | 39 | 59.3 | 2.47 | | Towanda..... | 93 | 30 | 66.0 | 0.69 | |
| Pomeroy..... | 96 | 44 | 71.5 | 1.60 | | Mount Angel..... | 87 | 40 | 58.4 | 2.90 | | Troutrun..... | ..... | ..... | ..... | 0.75 | |
| Portsmouth a..... | ..... | ..... | 2.06 | | Nehalem..... | ..... | ..... | ..... | ..... |  | Warren..... | 87 | 37 | 63.6 | 1.56 | | |
| Portsmouth b..... | 97 | 49 | 73.6 | 2.06 | | Newberg..... | 85 | 36 | 54.4 | 2.60 | | Wellsboro..... | 89 | 32 | 63.2 | 0.55 | |
| Pulse..... | ..... | ..... | 0.76 | | Newbridge..... | 72 | 41 | 56.3 | 4.89 | | Westchester..... | 89 | 45 | 70.2 | 3.26 | | |
| Ridgeville Corners..... | 98 | 43 | 72.5 | 1.08 | | Newport..... | 93 | 30 | 62.3 | 0.85 | | West Newton..... | ..... | ..... | ..... | 0.54 | |
| Kipley..... | 97 | 50 | 73.8 | 1.52 | | Pendleton..... | ..... | ..... | ..... | ..... |  | Westtown f..... | 89 | 42 | 67.2 | 3.98 | |
| Rittman..... | 98 | 40 | 66.2 | 3.17 | | Prineville..... | 86 | 25 | 55.2 | 0.73 | | Wilkesbarre..... | 93 | 35 | 68.2 | 0.52 | |
| Rockyridge..... | 95 | 38 | 68.8 | 0.83 | | Riddell *1..... | 90 | 36 | 58.4 | 0.90 | | Williamsport..... | 95 | 38 | 68.5 | 1.01 | |
| Rosewood..... | 92 | 39 | 68.8 | 3.41 | | Riverside b..... | 85 | 27 | 57.6 | 0.61 | | York..... | 94 | 36 | 70.4 | 3.18 | |
| Shenandoah..... | 91 | 41 | 67.0 | 2.21 | | Sheridan *1..... | 86 | 40 | 56.7 | 2.08 | | <i>Rhode Island.</i> | ..... | ..... | ..... | ..... |  |
| Sidney..... | 97 | 43 | 71.0 | 2.53 | | Silverlake..... | 90 | 13 | 53.2 | 0.49 | | Bristol..... | 84 | 46 | 67.0 | 3.73 | |
| Sinking Spring..... | 93 | 46 | 72.8 | 3.00 | | Silverton *1..... | 82 | 46 | 60.6 | 2.58 | | Kingston..... | 88 | 39 | 64.4 | 3.04 | |
| Somerset..... | 97 | 44 | 71.6 | 0.96 | | Siskiyou *1..... | 70 | 36 | 58.9 | 0.90 | | Pawtucket..... | 88 | 44 | 68.3 | 4.16 | |
| Springboro..... | ..... | ..... | 1.00 | | Sparta..... | 81 | 24 | 52.7 | 2.06 | | Providence a..... | 91 | 44 | 67.6 | 4.05 | | |
| Strongsville..... | ..... | ..... | 3.58 | | Springfield *1..... | 86 | 43 | 58.7 | 3.46 | | Providence c..... | 90 | 42 | 65.8 | 4.28 | | |
| Thurman..... | 98 | 43 | 73.6 | 0.30 | | Stafford..... | 91 | 40 | 59.8 | 3.09 | | <i>South Carolina.</i> | ..... | ..... | ..... | ..... |  |
| Tiffin..... | 90 | 44 | 68.1 | 0.91 | | The Dalles..... | 87 | 34 | 61.0 | 1.09 | | Allendale..... | 90 | 54 | 77.4 | 3.94 | |
| Upper Sandusky..... | 92 | 42 | 68.6 | 1.98 | | Tillamook..... | ..... | ..... | ..... | ..... |  | Batesburg..... | 98 | 54 | 77.8 | 4.71 | |
| Urbana..... | 88 | 44 | 68.4 | 2.39 | | Toledo..... | 85 | 36 | 57.6 | 2.82 | | Beaufort..... | 98 | 61 | 79.9 | 3.77 | |
| Vanwert..... | 94 | 39 | 69.8 | 1.55 | | Umatilla..... | ..... | ..... | ..... | ..... |  | Blackville..... | 98 | 52 | 79.2 | 3.19 | |
| Vermillion..... | 92 | 41 | 66.9 | 1.36 | | Vale..... | 86 | 22 | 57.1 | 0.60 | | Calhoun Falls..... | ..... | ..... | ..... | 3.55 | |
| Vickery..... | 93 | 40 | 68.1 | 1.08 | | Westfork *1..... | 86 | 32 | 57.3 | 1.80 | | Camden..... | ..... | ..... | ..... | 1.65 | |
| Walnut..... | ..... | ..... | 1.37 | | Weston..... | 89 | 26 | | | | | | | | | | |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|-------------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|--|-------------------------------|-----------------|-------------------|--------------------------|-------------------------|-------------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| <i>South Carolina—Cont'd.</i> | | | | | | <i>Tennessee—Cont'd.</i> | | | | | | <i>Texas—Cont'd.</i> | | | | | |
| St. George..... | 95 | 53 | 77.6 | 3.65 | In. | Iron City..... | 93 | 43 | 75.6 | 4.10 | | Rhinelander..... | 101 | 55 | 78.5 | 6.51 | In. |
| St. Matthews..... | 98 | 55 | 78.6 | 1.70 | | Jackson..... | 97 | 52 | 77.0 | | | Rockisland..... | 95 | 68 | 81.6 | 3.70 | |
| St. Stephens..... | | | | | | Johnsonville..... | 97 | 51 | 76.0 | 3.04 | | Rockport*..... | 92 | 68 | 79.3 | | |
| Santuck..... | 100 | 47 | 76.8 | 1.24 | | Jonesboro* ¹ | 89 | 52 | 70.7 | | | Runge..... | 98 | 67 | 75.0 | 1.66 | |
| Shaws Fork..... | 99 | 50 | 78.4 | 1.62 | | Kingston..... | 96 | 43 | 75.1 | 6.38 | | Sabine ^k | 95 | 72 | 84.4 | | |
| Smith's Mills..... | | | | | | Lafayette* ² | 96 | 43 | 75.1 | | | Saginaw* ¹ | 99 | 66 | 79.5 | 9.15 | |
| Societyhill..... | 94 | 55 | 76.8 | 4.35 | | Lewisburg..... | 96 | 43 | 76.4 | 2.20 | | Sanderson..... | 94 | 70 | 83.3 | 4.25 | |
| Spartanburg..... | 96 | 47 | 74.8 | 2.11 | | Lynnville..... | 94 | 48 | 76.3 | 2.22 | | San Marcos..... | 92 | 65 | 80.6 | 2.58 | |
| Statesburg..... | 99 | 55 | 79.8 | 1.27 | | McKenzie..... | 96 | 48 | 77.2 | 3.70 | | Sherman..... | 96 | 63 | 80.4 | 5.90 | |
| Summerville..... | 93 | 55 | 76.7 | 4.68 | | McMinnville..... | 97 | 37 | 75.4 | 2.40 | | Sugarland..... | 96 | 70 | 82.0 | | |
| Temperance..... | 100 | 48 | 78.2 | 1.08 | | Maryville* ⁶ | 98 | 47 | 76.3 | 2.57 | | Sulphur Springs..... | 99 | 65 | 81.6 | 12.05 | |
| Trenton..... | 94 | 59 | 79.0 | 2.17 | | Milan..... | 95 | 47 | 77.0 | 6.45 | | Temple ^a | 93 | 65 | 80.4 | 5.60 | |
| Trial..... | 91 | 50 | 74.2 | 6.15 | | Newport..... | 93 | 45 | 74.0 | 1.88 | | Temple ^b | 95 | 68 | 78.5 | 5.58 | |
| Walhalla..... | 93 | 45 | 73.2 | 4.28 | | Nunnelly..... | 95 | 41 | 74.4 | 2.76 | | Trinity..... | 98 | 70 | 82.6 | 8.04 | |
| Winnisboro..... | 93 | 54 | 75.6 | 1.55 | | Oakhill..... | 98 | 40 | 75.5 | 5.95 | | Turnersville..... | 94 | 65 | 79.0 | 4.82 | |
| Winthrop College..... | 97 | 52 | 77.4 | 1.78 | | Palmetto..... | 95 | 42 | 76.2 | 2.08 | | Tyler..... | 98 | 65 | 82.9 | 8.05 | |
| Yemassee..... | 96 | 54 | 78.6 | 3.53 | | Perryear..... | | | | | | Valentine..... | 102 | 54 | 74.6 | 8.15 | |
| Yorkville..... | 100 | 54 | 79.4 | 1.70 | | Pope..... | 96 | 40 | 75.0 | 3.47 | | Waco..... | 98 | 70 | 82.5 | 4.48 | |
| <i>South Dakota.</i> | | | | | | Rogersville..... | 92 | 44 | 72.0 | 3.90 | | Waxahachie..... | 101 | 62 | 81.6 | 6.70 | |
| Aberdeen..... | 93 | 22 | 61.8 | 3.25 | | Rugby..... | 95 | 38 | 71.8 | 5.02 | | Weatherford..... | 96 | 64 | 79.8 | 9.35 | |
| Academy..... | 96 | 28 | 62.9 | 0.46 | | Savannah..... | 95 | 45 | 73.4 | 3.45 | | Wichita Falls..... | | | | | 7.11 |
| Alexandria..... | 93 | 23 | 59.6 | 2.08 | | Sewanee..... | 91 | 46 | 73.7 | 1.80 | | <i>Utah.</i> | | | | | |
| Armour..... | 94 | 22 | 61.4 | 1.58 | | Silverlake..... | 85 | 41 | 65.8 | 5.14 | | Alpine..... | | | | | 1.20 |
| Ashcroft..... | 98 | 22 | 57.0 | 2.49 | | Springfield..... | 97 | 40 | 75.8 | 1.95 | | Bluecreek* ¹ | 95 | 35 | 62.0 | 0.57 | |
| Bowdrie..... | 89 | 23 | 56.1 | 1.84 | | Tazewell..... | 96 | 43 | 76.1 | 3.36 | | Castledale..... | 83 | 29 | 57.4 | 2.18 | |
| Brookings..... | 88* | 25 | 58.4 | 4.97 | | Tellico Plains..... | 96 | 43 | 76.1 | | | Cisco..... | 89 | | | | 0.91 |
| Centerville..... | | | | | | Tracy City..... | 88 | 40 | 71.4 | 1.36 | | Corinne..... | 93 | 30 | 61.3 | 1.01 | 2.0 |
| Chamberlain..... | 98 | 29 | 63.6 | 0.92 | | Trenton..... | 97 | 44 | 77.1 | 4.71 | | Deseret..... | 90 | 28 | 59.2 | 1.12 | |
| Clark..... | 87 | 25 | 59.2 | 7.72 | | Tullahoma..... | 95 | 39 | 73.7 | 1.07 | | Farmington..... | | | | | 1.90 |
| Desmet..... | 86 | 27 | 58.0 | 3.43 | | Union City..... | 94 | 44 | 76.2 | 2.45 | | Fillmore..... | 96 | 29 | 61.9 | 1.58 | |
| Doland..... | 89 | 23 | 59.8 | 3.51 | | Wildersville..... | 91 | 48 | 76.0 | 4.78 | | Fishsprings..... | 89 | 36 | 64.0 | 1.37 | |
| Elkpoint..... | 96 | 34 | 65.4 | 10.50 | | Yukon..... | 91 | 48 | 75.9 | 2.20 | | Fort Duchesne..... | 92 | 28 | 56.6 | 1.25 | |
| Farmingdale..... | | | | | | Texas. | | | | | | Giles..... | 81 | 28 | 57.6 | 1.41 | 2.0 |
| Faulkton..... | 93 | 23 | 59.0 | 3.93 | | Anna..... | 101 ^d | 54 ^d | 79.8 ^d | 7.15 | | Green River..... | 91 | 32 | 62.1 | 1.27 | |
| Flandreau..... | 90 | 26 | 60.5 | 5.00 | | Anson..... | | | | | | Grover..... | 81 | 27 | 55.4 | 1.12 | T. |
| Forestburg..... | 94 | 23 | 61.9 | 2.14 | | Arthur..... | | | | | | Heber..... | 90 | 22 | 58.2 | 8.20 | 6.0 |
| Forest City..... | 96 | 25 | 60.4 | 3.60 | | Austin ^a * ⁶ | 98 | 67 | 80.3 | | | Henefer..... | 85 | 17 | 50.2 | 2.06 | |
| Fort Meade..... | 100 | 30 | 61.7 | 2.03 | | Ballinger..... | 96 | 62 | 77.4 | 7.55 | | Hite..... | 97 | 43 | 69.9 | 8.20 | |
| Gannvalley..... | 93 | 28 | 61.2 | 5.54 | | Beaumont..... | 100 | 65 | 82.4 | 2.00 | | Holyoake..... | | | | | 1.88 |
| Grand River School..... | | | | | | Beeville..... | 98 | 56 | 80.6 | 1.37 | | Huntsville..... | | | | | 1.50 |
| Greenwood..... | 97 | 34 | 65.2 | 3.55 | | Bigspring..... | | | | | | Kelton* ¹ | 88 | 40 | 60.4 | | 1.0 |
| Hartman..... | 89 | 30 | 60.2 | 5.43 | | Blanco..... | 96 | 62 | 78.0 | 3.53 | | Levan..... | 87 | 26 | 57.0 | 1.70 | T. |
| Hitchcock..... | | | | | | Bowie..... | 98 | 57 | 78.9 | 12.07 | | Loa..... | 79 | 10 | 48.2 | 0.52 | |
| Hotch City..... | 97 | 23 | 61.9 | 1.05 | | Brazoria..... | 94 | 70 | 81.9 | 12.68 | | Meadowville..... | | | | | 1.31 |
| Hot Springs..... | 96 | 38 | 62.0 | 3.50 | | Brenham..... | 96 | 70 | 82.0 | 5.82 | | Millville..... | | | | | 2.0 |
| Interior..... | 100 | 23 | 63.6 | 1.80 | | Brighton..... | 98 | 72 | 84.1 | 3.77 | | Moab..... | 91 | 35 | 64.0 | 1.43 | |
| Ipswich..... | 87 | 20 | 57.8 | 4.10 | | Brownwood..... | 98 | 63 | 80.4 | 8.15 | | Mount Pleasant..... | 90 | 25 | 56.6 | 1.78 | |
| Kimball..... | 98 | 29 | 62.0 | 0.47 | | Burnet* ¹ | 93 | 66 | 78.1 | 4.51 | | Ogden* ¹ | 90 | 39 | 62.0 | 1.32 | |
| Leola..... | 90 | 24 | 57.4 | 2.34 | | Camp Eagle Pass..... | 101 | 67 | 82.8 | 8.20 | | Park City..... | 88 | 23 | 52.6 | 2.29 | 10.3 |
| Leslie..... | 101 | 25 | 60.8 | 3.60 | | Coleman..... | 95 | 63 | 77.0 | 15.82 | | Parowan..... | 85 | 27 | 56.9 | 0.82 | 4.5 |
| Mellette..... | 91 | 23 | 60.9 | 4.82 | | Colorado..... | 102 | 62 | 80.2 | 3.25 | | Pinto..... | 81 | 21 | 51.8 | 1.32 | 6.5 |
| Menno..... | 30 | 25 | 62.0 | 2.59 | | Columbia ^j | 93 | 68 | 81.4 | 2.16 | | Provo..... | 91 | 29 | 59.2 | 1.13 | |
| Millbank..... | 93 | 27 | 60.7 | 3.28 | | Corsicana..... | 95 | 64 | 81.6 | 5.49 | | Richfield..... | 80 | 21 | 48.6 | 0.07 | |
| Mitchell..... | 93 | 25 | 62.6 | 1.46 | | Cuero..... | 96 | 51 | 81.1 | 3.38 | | St. George..... | 95 | 31 | 63.8 | 0.29 | |
| Oelrichs..... | 96 | 32 | 62.6 | 2.20 | | Dallas..... | 98 | 62 | 79.6 | 7.57 | | Scipio..... | 85 | 20 | 51.6 | 1.17 | T. |
| Parker..... | 92 | 29 | 62.2 | 3.73 | | Danevang..... | 93 | 58 | 80.8 | 5.28 | | Snowville..... | 84 | 26 | 56.2 | 0.50 | |
| Plankinton..... | 91 | 25 | 60.6 | 1.05 | | Dublin..... | 94 | 63 | 77.8 | 7.38 | | Soldier Summit..... | 86 | 18 | 49.0 | 0.20 | 1.0 |
| Redfield..... | 90 | 23 | 54.4 | 6.00 | | Duval..... | 93 | 68 | 80.2 | 4.82 | | Thistle..... | 95 | 25 | 57.2 | 1.00 | |
| Rutherford..... | 90 | 22 | 52.9 | 2.48 | | Estelle..... | 100 | 62 | 80.8 | 6.51 | | Tooele..... | 88 | 32 | 61.6 | 1.92 | |
| Roebud..... | 93 | 27 | 60.4 | 1.50 | | Fort Brown..... | 100 | 63 | 85.0 | 0.70 | | Tropic..... | 76 | 16 | 49.5 | 3.40 | |
| St. Lawrence..... | 90 | 23 | 58.6 | 4.13 | | Fort McIntosh..... | 105 | 65 | 86.6 | 0.05 | | Vernal..... | 90 | 30 | 58.2 | 1.46 | |
| Silver City..... | | | | | | Fort Stockton..... | | | | | | Wellington..... | 93 | 24 | 55.1 | 1.48 | |
| Sioux Falls..... | 90 | 23 | 60.8 | 4.06 | | Fredericksburg* ¹ | 95 ^d | 66 ^d | 78.2 ^d | 2.86 | | Woodruff..... | 88 | 21 | 49.9 | | |
| Sisseton Agency..... | 88 | 23 | 59.2 | 5.80 | | Gainesville..... | 96 | 60 | 79.6 | 8.56 | | Vermont. | | | | | |
| Spearfish..... | 91 | 28 | 58.0 | 1.69 | | Grapevine..... | 103 | 64 | 81.0 | 6.97 | | Bennington..... | 89 | 34 | 65.1 | 1.51 | |
| Watertown..... | 86 | 21 | 55.0 | 4.74 | | Greenville..... | 102 | 64 | 81.2 | 9.36 | | Burlington..... | 86 | 41 | 63.8 | 3.20 | |
| Waubay..... | 89 | 24 | 57.2 | 7.90 | | Hale Center..... | 99 | 52 | 72.5 | 9.45 | | Chelsea..... | 82 | 32 | 58.0 | 2.12 | |
| Wentworth..... | 79 | 27 | 60.5 | 5.24 | | Jacksonville..... | 95 | 66 | 80.3 | 2.81 | | Cornwall..... | 86 | 34 | 62.2 | 1.67 | |
| Wessington Springs..... | 90 | 23 | 57.1 | 2.66 | | Jasper..... | 98 | 68 | 82.0 | 3.70 | | Derby..... | 91 | 32 | 58.0 | 4.52 | |
| Wolsey..... | | | | | | Kaufman..... | 100 | 68 | 83.4 | | | Enosburg Falls..... | 91 | 27 | 60.2 | 3.03 | |
| <i>Tennessee.</i> | | | | | | Hearne..... | 98 | 70 | 84.0 | 7.97 | | Hartland..... | 86 | 28 | 59.1 | 1.55 | |
| Andersonville..... | 96 | 44 | 73.4 | 3.75 | | Henrietta..... | 98 | 55 | 77.8 | 7.02 | | Jacksonville..... | 88 | 29 | 59.6 | 1.76 | |
| Arlington..... | 92 | 48 | 75.6 | 3.47 | | Hewitt..... | | | | | | Manchester..... | 84 | 31 | 61.4 | 2.19 | |
| Ashwood..... | 95 | 43 | 76.5 | 2.50 | | Hondo..... | | | | | | Norwich..... | 90 | 28 | 59.8 | 1.48 | |
| Benton..... | 94 | 45 | 76.0 | 4.06 | | Houston..... | 94 | 70 | 82.1 | 5.36 | | St. Johnsbury..... | 87 | 29 | 58.0 | 2.84 | |
| Bluff City..... | | | | | | Huntsville..... | 93 | 68 | 81.4 | 6.84 | | Vernon* ⁶ | 96 | 36 | 63.8 | 1.92 | |
| Bolivar..... | 95 | 49 | 77.2 | 3.21 | | Ira..... | 103 | 54 | 76.5 | 4.23 | | Wells..... | 84 | 33 | 61.4 | 2.58 | |

TABLE II.—Climatological record of voluntary and other cooperating observers—Continued.

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|-------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|------------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|------------------------|-------------------------------|----------|-------|--------------------------|-------------------------|
| | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. | | Maximum. | Minimum. | Mean. | Rain and melted snow. | Total depth of snow. |
| <i>Virginia—Cont'd.</i> | | | | | | <i>West Virginia—Cont'd.</i> | | | | | | <i>Wyoming—Cont'd.</i> | | | | | |
| Doswell | 101 | 43 | 74.7 | 1.58 | | Eastbank | 90 | 50 | 72.2 | 2.62 | | Bedford | 83 | 21 | 50.6 | Ins. | Ins. |
| Farmville | 100 | 46 | 74.8 | 2.68 | | Elkhorn | 91 | 44 | 69.6 | 5.19 | | Bitter Creek | 98 | 28 | 59.6 | 0.20 | 2.0 |
| Fontella | 104 | 48 | 76.6 | 4.60 | | Fairmont | 99 | 40 | 72.4 | 0.43 | | Buffalo | 90 | 24 | 56.0 | 1.24 | |
| Fredericksburg | 100 | 48 | 74.9 | 4.36 | | Glenville | 99 | 40 | 72.4 | 0.94 | | Burlington | 93 | 25 | 58.8 | 0.60 | |
| Grahams Forge | 93 | 46 | 68.6 | 5.74 | | Grafton | 95 | 40 | 70.6 | 0.98 | | Centennial | 77 | 26 | 50.6 | 0.67 | 5.5 |
| Hampton | 93 | 56 | 76.4 | 1.89 | | Green Sulphur Springs | 95 | 42 | 70.5 | 2.50 | | Cody | 96 | 24 | 56.8 | 0.00 | |
| Hot Springs | 91 | 40 | 67.0 | 4.91 | | Harpers Ferry | .. | .. | .. | 2.48 | | Daniel | 85 | 10 | 43.9 | 1.60 | |
| Lexington | 97 | 44 | 72.6 | 8.79 | | Hinton a. | .. | .. | .. | 3.84 | | Evanton | 82 | 18 | 49.4 | 1.60 | 10.0 |
| Manassas | 97 | 46 | 74.3 | 3.28 | | Hinton b. | 94 | 45 | 71.4 | .. | | Fort Laramie | 95 | 29 | 60.9 | 2.12 | |
| Marion | 96 | 43 | 70.4 | 4.58 | | Huntington | 96 | 47 | 72.9 | 2.11 | | Port Washakie | 86 | 26 | 53.8 | 1.65 | 1.5 |
| Meadowdale | 90 | 37 | 68.9 | 2.09 | | Lewisburg | 97 | 41 | 69.9 | 4.59 | | Fort Yellowstone | 82 | 12 | 50.0 | 0.86 | |
| Newport News | 96 | 51 | 78.1 | 1.90 | | Marlinton | 90 | 37 | 67.2 | 2.57 | | Fourbear | 81 | 16 | 49.4 | 1.10 | 10.0 |
| Petersburg | 100 | 49 | 76.3 | 3.67 | | Martinsburg | 95 | 44 | 71.3 | 3.80 | | Hyattville | 92 | 23 | 57.2 | 0.55 | 2.0 |
| Radford | | | | | | Morgantown | 97 | 40 | 72.2 | 0.48 | | Iron Mountain | 89 | 23 | 55.2 | 1.33 | |
| Rockymount | 95 | 48 | 72.2 | 4.35 | | New Martinsville | 98 | 44 | 73.4 | 0.34 | | Kimball Ranch | 84 | 22 | 54.4 | 0.27 | 2.0 |
| Salem | 96 | 48 | 72.6 | 5.43 | | Nuttallburg | 95 | 40 | 70.2 | 2.75 | | Laramie | 81 | 27 | 52.1 | 1.11 | 0.4 |
| Speers Ferry | | | | | | Oceana | 93 | 44 | 71.3 | 3.25 | | Lovell | 86 | 17 | 55.4 | 0.32 | 0.1 |
| Spottsville | 101 | 45 | 74.8 | 1.72 | | Oldfields | 98 | 39 | 72.8 | 1.87 | | Lusk | 90 | 24 | 55.8 | 1.21 | |
| Stanardsville | 99 | 47 | 72.4 | 4.40 | | Parsons | 93 | 41 | 67.5 | 0.50 | | Parkman | 92 | 21 | 55.9 | 1.35 | |
| Staunton | 100 | 44 | 73.8 | 3.64 | | Philippi a. | 99 | 35 | 70.4 | 1.08 | | Pinebluff | 92 | | | 0.80 | |
| Stephens City | 97 | 43 | 73.6 | 3.36 | | Philippi b. | .. | .. | .. | 0.90 | | Rawlins | 83 | 27 | 52.8 | 0.94 | |
| Sunbeam | 96 | 35 | 74.5 | 1.72 | | Point Pleasant | 98 | 43 | 71.4 | 1.90 | | Saratoga | 85 | 25 | 54.8 | 0.89 | |
| Warrenton | 95 | 49 | 71.9 | 4.35 | | Powellton | .. | .. | .. | 1.59 | | Sheridan | 92 | 21 | 56.1 | 1.08 | T. |
| Warsaw | 98 | 49 | 74.8 | 1.82 | | Princeton | 90 | 38 | 67.7 | 5.50 | | South Pass City | 80 | 17 | 48.6 | 1.27 | 6.5 |
| Westpoint | 96 | 47 | 74.6 | 3.92 | | Romney | 100 | 38 | 73.6 | 3.24 | | Thayne | 83 | 19 | 50.0 | 0.75 | |
| Woodstock | 96 | 42 | 72.5 | 1.70 | | Rowlesburg | .. | .. | .. | 1.26 | | Thermopolis | 92 | 29 | 60.2 | 1.44 | |
| Wytheville | 97 | 41 | 70.2 | 5.35 | | Southside | 96 | 50 | 74.5 | 1.93 | | Wheatland | 93 | 34 | 64.3 | 1.42 | T. |
| <i>Washington.</i> | | | | | | Spencer | 99 | 40 | 71.7 | 1.15 | | <i>Cuba.</i> | | | | | |
| Anacortes | | | | | | Terra Alta | 90 | 45 | 71.0 | 1.00 | | Aguacate | 94 | 65 | 70.8 | 7.75 | |
| Ashford | | | | | | Uppertact | 96 | 37 | 71.2 | 2.85 | | Batabano | 92 | 68 | 80.2 | 5.97 | |
| Bremerton | 81 | 34 | 58.3 | 1.03 | | Wellborg | 90 | 45 | 68.7 | 1.24 | | Camajuaní | 92 | 60 | 78.3 | 8.24 | |
| Bridgeport | 88 | 33 | 62.7 | 0.29 | | Weston a. | 98 | 30 | 73.2 | .. | | Cardenas | 93 | 70 | 82.8 | 4.26 | |
| Brinnon | 75 | 39 | 56.9 | 1.59 | | Wheeling a. | .. | .. | .. | 0.87 | | Cruces | .. | .. | 9.99 | | |
| Cedonia | 79 | 30 | 53.8 | 2.01 | | Wheeling b. | 97 | 49 | 75.8 | 0.75 | | Gibara | 92 | 65 | 79.4 | 6.61 | |
| Centerville | 92 | 20 | 56.3 | 0.80 | | Wiggins | 94 | 50 | 71.0 | .. | | Guabairo | 82 | 65 | 79.8 | 8.51 | |
| Chehalis | 85 | 32 | 57.2 | 1.90 | | Williamson | 95 | 45 | 73.6 | 2.80 | | Guanajay | 95 | 64 | 80.3 | 16.95 | |
| Cheney | | | | | | <i>Wisconsin.</i> | | | | | | Holguin | 92 | 64 | 79.2 | 7.05 | |
| Clearwater | 78 | 35 | 55.6 | 3.04 | | Amherst | 90 | 35 | 61.0 | 7.05 | | Limonar | .. | .. | 10.80 | | |
| Cle Elum | 87 | 28 | 55.0 | 1.94 | | Ashland | .. | .. | .. | 4.40 | | Los Canos | 95 | 64 | 72.8 | 20.15 | |
| Colfax | 90 | 22 | 58.0 | 1.42 | | Bayfield | 82 | 34 | 59.4 | 4.80 | | Magdalena | .. | .. | 14.47 | | |
| Concony | 81 | 28 | 55.3 | 1.28 | | Beloit | 88 | 38 | 65.2 | 2.70 | | Manzanillo | 93 | 72 | 81.8 | 12.66 | |
| Coupeville | | | | | | Brothead | 92 | 34 | 64.0 | 2.40 | | Matanzas | 94 | 57 | 79.4 | 6.85 | |
| Crescent | 73 | 39 | 56.3 | 1.44 | | Butternut | 84 | 29 | 55.6 | 8.07 | | Moron Trocha | 94 | 67 | 80.5 | 11.76 | |
| Dayton | 85 | 31 | 61.4 | 0.45 | | Chilton | 90 | 35 | 63.5 | 2.80 | | Nuevitas | 91 | 72 | 79.6 | 5.16 | |
| Ellensburg | 82 | 28 | 55.8 | 1.40 | | Delavan | 92 | 37 | 64.2 | 6.85 | | Numerio | 91 | 61 | 78.6 | 5.41 | |
| Ellensburg (near) | 90 | 32 | 58.4 | 1.85 | | Dodgeville | 92 | 33 | 62.7 | 3.65 | | Pinar del Rio | 93 | 69 | 81.0 | 6.20 | |
| Grandmound | 84 | 33 | 58.0 | 1.21 | | Easton | 92 | 30 | 61.4 | 4.16 | | Sazua la Grande | 95 | 67 | 80.1 | 5.22 | |
| Granite Falls | | | | | | Eau Claire | 92 | 35 | 61.6 | 8.73 | | San Cayetano | 97 | 68 | 81.0 | 6.10 | |
| Hooper | 90 | 30 | 60.1 | 1.30 | | Florence | 84 | 29 | 57.4 | 5.67 | | Santa Clara | 97 | | 9.53 | | |
| Isaquah | | | | | | Fond du Lac | 90 | 36 | 62.8 | 3.06 | | Soledad | 91 | 67 | 78.5 | 6.96 | |
| LaCenter | 89 | 37 | 58.0 | 1.91 | | Grand River Locks | .. | .. | .. | 6.36 | | <i>Porto Rico.</i> | | | | | |
| Mayfield | | | | | | Grantsburg | 89 | 29 | 59.4 | 4.60 | | Adjuntas | 94 | | | 4.61 | |
| Mottinger Ranch | 91 | 36 | 63.4 | 0.25 | | Gratiot | 90 | 32 | 67.6 | 7.40 | | Aguadilla | 90 | 74 | 82.4 | 5.21 | |
| Mount Pleasant | 89 | 39 | 58.8 | 2.49 | | Hartland | 89 | 35 | 63.3 | 2.56 | | Arecibo | 90 | 69 | 78.5 | 3.59 | |
| Moxee Valley | 91 | 28 | 59.6 | 1.12 | | Harvey | 91 | 36 | 63.8 | 2.60 | | Bayamon | 96 | 67 | 80.4 | 9.94 | |
| New Whatcom | 75 | 32 | 55.6 | 1.56 | | Hayward | 86 | 23 | 58.8 | 7.93 | | Caguas | 89 | 68 | 79.0 | 4.75 | |
| Northport | 85 | 28 | 54.5 | 2.48 | | Hillsboro | 92 | 25 | 61.6 | 3.78 | | Canovanas | 91 | 73 | 80.8 | 5.55 | |
| Olga | 75 | 39 | 54.8 | 1.88 | | Knapp | 89 | 28 | 58.0 | 9.46 | | Cayey | .. | .. | 4.19 | | |
| Olympia | 85 | 33 | 57.4 | 1.86 | | Koepenick * 1 | 80 | 50 | 62.0 | 8.10 | | Cidra | 91 | 66 | 77.7 | 5.90 | |
| Pasco | 90 | 30 | 63.8 | 0.33 | | Lancaster | 91 | 35 | 62.2 | 4.77 | | Coamo | 97 | 67 | 80.6 | 6.85 | |
| Pinehill | 97 | 33 | 61.4 | 1.16 | | Madison | 86 | 42 | 63.6 | 2.89 | | Comerio | 92 | 67 | 78.4 | 5.54 | |
| Port Townsend | 77 | 40 | 58.6 | 1.24 | | Manitowoc | 89 | 39 | 61.0 | 3.27 | | Corozal | 94 | 62 | 79.0 | 3.70 | |
| Pullman | 85 | 26 | 55.8 | 1.65 | | Meadow Valley | 94 | 29 | 61.2 | 6.55 | | Hacienda Coloso | 96 | 67 | 80.1 | 4.82 | |
| Republie | 89 | 23 | 56.0 | 1.46 | | Medford | 90 | 28 | 59.0 | 7.95 | | Hacienda Perla | 92 | 71 | 80.6 | 12.07 | |
| Kitzville | | | | | | Menasha | .. | .. | .. | 7.47 | | Humacao | 97 | 71 | 88.0 | 6.04 | |
| Rosalia | 86 | 28 | 54.8 | 1.49 | | Neillsville | 90 | 32 | 60.2 | 8.01 | | La Isolina | 93 | 66 | 77.4 | 11.19 | |
| Sedro | 78 | 31 | 56.5 | 2.38 | | New London | 92 | 36 | 61.6 | 6.48 | | Lajas | 93 | 66 | 79.8 | 4.80 | |
| Shoalwater Bay * 10 | 84 | 45 | 57.6 | .. | | Oconto | 91 | 37 | 62.5 | 6.82 | | Manati | 94 | 66 | 80.2 | 9.28 | |
| Silvana | 77 | 31 | 54.7 | 1.49 | | Osceola | 90 | 29 | 59.4 | 8.14 | | Maunabo | 90 | 74 | 82.2 | 6.48 | |
| Snohomish | 77 | 32 | 57.5 | 3.84 | | Oshkosh | 86 | 40 | 63.3 | 1.51 | | Mayaguez | 93 | 68 | 81.2 | 7.44 | |
| Southbend | 87 | 34 | 58.4 | 1.97 | | Pepin | 92 | 32 | 61.6 | 7.33 | | Morovis | 92 | 67 | 78.5 | 5.82 | |
| Sprague | | | | 0.08 | | Pine River | 92 | 35 | 61.2 | 3.66 | | Port America | 94 | 69 | 80.3 | 10.47 | |
| Sunnyside | 86 | 33 | 60.2 | 0.72 | | Portage | 90 | 35 | 62.2 | 2.90 | | Puerta de Tierra | 94 | 73 | 82.9 | 3.12 | |
| Twin | 76 | 28 | 54.2 | 1.56 | | Port Washington | 90 | 35 | 61.2 | 2.13 | | San German | 92 | 69 | 80.8 | 3.32 | |
| Union | 80 | 33 | 58.5 | 2.49 | | Prairie du Chien a. | 97 | 38 | 65.4 | 8.10 | | San Lorenzo | 94 | 66 | 80.1 | 5.10 | |
| Usk * | 85 | 28 | 53.4 | .. | | Prairie du Chien b. | .. | .. | .. | 3.23 | | Utuado | .. | .. | 3.37 | | |
| Vancouver | 86 | 36 | 58.3 | 1.96 | | Racine | 91 | 41 | 65.0 | 1.82 | | Vieques | 89 | 71 | 80.0 | 3.60 | |
| Vashon | 75 | 39 | 57.4 | 1.67 | | Shawano | 90 | 37 | 62.0 | 8.02 | | Wailkato | 95 | 68 | 79.7 | 8.98 | |
| Waterville | 85 | 28 | 55.8 | 0.4 | | | | | | | | | | | | | |

TABLE II.—*Climatological record of voluntary and other cooperating observers—Late reports for August, 1900.*

| Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | Stations. | Temperature. (Fahrenheit.) | | | Precipita- tion. | |
|---------------------------------|-------------------------------|----------|-------|---------------------|-------------|--|-------------------------|----------|---------------------|--|
| | Maximum. | Minimum. | Mean. | | | Total depth of rain and melted snow. | Total depth of snow. | Maximum. | | |
| <i>Alaska.</i> | o | o | o | <i>Ins.</i> | <i>Ins.</i> | | | | | |
| Coal Harbor..... | 69 | 42 | 54.2 | 5.74 | | | | | | |
| Juneau..... | 71 | 39 | 54.8 | 6.57 | | | | | | |
| Kenai..... | 66 | 29 | 51.8 | 3.92 | | | | | | |
| Killianoo..... | 70 | 36 | 54.2 | 2.30 | | | | | | |
| Orca..... | | | | 11.25 | | | | | | |
| Skagway..... | 75 | 38 | 58.0 | T. | | | | | | |
| Tyoonok..... | 73 | 31 | 52.4 | 4.94 | | | | | | |
| Wood Island..... | 70 | 42 | 57.6 | 2.74 | | | | | | |
| <i>Arizona.</i> | | | | | | | | | | |
| San Simon* ¹ | 88 | 70 | 75.9 | 0.00 | | | | | | |
| <i>California.</i> | | | | | | | | | | |
| Agnew..... | 100 | 47 | 68.9 | 0.00 | | | | | | |
| Angiola..... | 109 | 49 | 73.8 | 0.00 | | | | | | |
| Bakersfield..... | 109 | 51 | 77.4 | 0.00 | | | | | | |
| Bear Valley..... | | | | 0.00 | | | | | | |
| Bellevue..... | | | | 1.17 | | | | | | |
| Blue Lake City..... | 106 | 43 | 69.4 | 0.00 | | | | | | |
| Branscomb..... | | | | T. | | | | | | |
| Caliente* ¹ | 96 | 62 | 78.2 | 0.00 | | | | | | |
| Coronado..... | 83 | 58 | 67.5 | 0.00 | | | | | | |
| Deweystville..... | 110 | 55 | 76.4 | 0.00 | | | | | | |
| Folsom City* ¹ | 104 | 60 | 73.5 | 0.00 | | | | | | |
| Fordyce..... | | | | T. | | | | | | |
| Grass Valley..... | | | | 0.00 | | | | | | |
| Hanford..... | 108 | 49 | 74.1 | 0.00 | | | | | | |
| Jolon..... | | | | 0.00 | | | | | | |
| Kent..... | | | | 0.00 | | | | | | |
| Kernville..... | | | | 0.00 | | | | | | |
| Lamesa..... | | | | 0.00 | | | | | | |
| Lankershim..... | 113 | 42 | 78.6 | 0.00 | | | | | | |
| Las Fuentes..... | | | | T. | | | | | | |
| Legrand..... | 109 | 48 | 73.6 | 0.00 | | | | | | |
| Merced..... | 108 | 51 | 74.4 | 0.00 | | | | | | |
| Mills College..... | | | | 0.00 | | | | | | |
| Milo..... | | | | T. | | | | | | |
| Pilot Creek..... | | | | 0.00 | | | | | | |
| Ranch House..... | | | | 0.00 | | | | | | |
| Raymond..... | 108 | 42 | 76.3 | 0.00 | | | | | | |
| Reedley..... | 109 | 50 | 74.9 | 0.00 | | | | | | |
| San Miguel Island..... | 80 | 52 | 62.2 | 0.00 | | | | | | |
| Visalia..... | 108 | 50 | 73.4 | 0.00 | | | | | | |
| West Saticoy..... | | | | 0.00 | | | | | | |
| <i>Colorado.</i> | | | | | | | | | | |
| Lay..... | 99 | 81 | 66.2 | 0.84 | | | | | | |

EXPLANATION OF SIGNS.

• Extremes of temperature from observed readings of dry thermometer.

A numeral following the name of a station indicates the hours of observation from which the mean temperature was obtained, thus:

¹ Mean of 7 a. m. + 2 p. m. + 9 p. m. + 4.

² Mean of 8 a. m. + 8 p. m. + 2.

³ Mean of 7 a. m. + 7 p. m. + 2.

⁴ Mean of 6 a. m. + 6 p. m. + 2.

⁵ Mean of 7 a. m. + 2 p. m. + 2.

⁶ Mean of readings at various hours reduced to true daily mean by special tables.

⁷ Mean from hourly readings of thermograph.

⁸ Mean of sunrise and noon.

¹⁰ Mean of sunrise, noon, sunset, and midnight.

The absence of a numeral indicates that the mean temperature has been obtained from daily readings of the maximum and minimum thermometers.

An italic letter following the name of a station, as "Livingston *a*," "Livingston *b*," indicates that two or more observers, as the case may be, are reporting from the same station. A small roman letter following the name of a station, or in figure columns, indicates the number of days missing from the record; for instance "n" denotes 14 days missing.

No note is made of breaks in the continuity of temperature records when the same do not exceed two days. All known breaks, of whatever duration, in the precipitation record receive appropriate notice.

CORRECTIONS.

July, 1900, in table of late reports for June, 1900, page 310, the values for Cardenas, Cuba, are for July instead of June, 1900; June, 1900, Colorado, Ruby, make total precipitation 0.43 instead of 4.80.

NOTE.—The following changes have been made in names of stations: Colorado, Minneapolis, changed to Blaine; Oklahoma, Osage, changed to Blackburn; Guthrie, changed to Vittum.

TABLE III.—Mean temperature for each hour of seventy-fifth meridian time, September, 1900.

| Stations. | 1 a. m. | 2 a. m. | 3 a. m. | 4 a. m. | 5 a. m. | 6 a. m. | 7 a. m. | 8 a. m. | 9 a. m. | 10 a. m. | Noon. | 1 p. m. | 2 p. m. | 3 p. m. | 4 p. m. | 5 p. m. | 6 p. m. | 7 p. m. | 8 p. m. | 9 p. m. | 10 p. m. | 11 p. m. | Mdn't. | Mean. | |
|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|--------|-------|------|
| Bismarck, N. Dak. | 53.1 | 52.2 | 51.3 | 50.8 | 50.2 | 49.4 | 48.7 | 48.6 | 49.7 | 52.8 | 58.1 | 60.0 | 61.6 | 62.7 | 63.7 | 63.8 | 63.5 | 62.5 | 60.0 | 57.4 | 55.4 | 53.9 | 52.9 | 55.8 | |
| Boston, Mass. | 61.4 | 60.7 | 60.2 | 59.8 | 59.7 | 59.9 | 61.4 | 63.3 | 65.5 | 67.0 | 68.8 | 69.8 | 69.7 | 69.9 | 69.5 | 68.8 | 67.6 | 66.2 | 64.8 | 63.8 | 62.9 | 62.3 | 61.7 | 64.7 | |
| Buffalo, N. Y. | 65.1 | 64.7 | 64.1 | 63.3 | 63.0 | 62.6 | 68.0 | 64.1 | 66.2 | 68.0 | 69.6 | 70.7 | 72.0 | 72.4 | 72.6 | 72.8 | 73.3 | 71.5 | 70.1 | 68.5 | 67.2 | 66.3 | 65.7 | 65.0 | 67.5 |
| Cedar City, Utah | 55.5 | 55.0 | 54.3 | 53.7 | 52.7 | 51.1 | 50.6 | 50.3 | 50.5 | 53.6 | 57.2 | 60.4 | 63.1 | 64.7 | 66.0 | 67.6 | 68.1 | 67.5 | 66.5 | 62.8 | 59.6 | 58.4 | 56.4 | 58.9 | |
| Chicago, Ill. | 64.1 | 63.3 | 62.8 | 62.9 | 61.7 | 61.4 | 61.1 | 62.3 | 63.4 | 64.9 | 67.7 | 68.7 | 68.7 | 68.4 | 68.6 | 68.3 | 67.6 | 67.1 | 66.2 | 65.7 | 64.8 | 64.2 | 65.4 | | |
| Cincinnati, Ohio | 70.1 | 69.2 | 68.3 | 67.7 | 66.5 | 65.8 | 64.6 | 66.8 | 69.6 | 72.1 | 75.4 | 77.5 | 79.5 | 80.6 | 81.5 | 81.5 | 81.5 | 80.5 | 78.8 | 77.2 | 74.9 | 73.7 | 72.1 | 73.6 | |
| Cleveland, Ohio | 64.7 | 64.6 | 63.8 | 62.8 | 62.6 | 61.9 | 61.8 | 63.1 | 66.1 | 68.5 | 69.8 | 70.3 | 71.3 | 71.7 | 72.0 | 72.2 | 72.3 | 70.6 | 69.5 | 68.1 | 66.8 | 65.6 | 64.9 | 67.4 | |
| Detroit, Mich. | 63.5 | 63.1 | 62.5 | 61.2 | 60.7 | 60.4 | 60.2 | 61.9 | 64.8 | 66.6 | 68.6 | 70.4 | 72.0 | 72.7 | 73.3 | 74.0 | 73.8 | 72.9 | 70.8 | 68.8 | 66.8 | 65.9 | 64.8 | 66.8 | |
| Dodge, Kans. | 64.6 | 63.6 | 62.9 | 62.4 | 61.6 | 61.0 | 60.9 | 60.5 | 63.1 | 66.3 | 69.6 | 72.2 | 74.5 | 76.0 | 77.7 | 78.7 | 79.1 | 78.6 | 77.1 | 72.4 | 69.6 | 68.0 | 66.5 | 68.8 | |
| Eastport, Me. | 53.8 | 53.3 | 52.8 | 52.1 | 52.0 | 51.3 | 51.4 | 56.7 | 56.1 | 57.0 | 59.2 | 60.7 | 61.6 | 62.3 | 61.9 | 61.2 | 60.3 | 59.2 | 57.2 | 56.3 | 55.5 | 54.9 | 54.4 | 56.6 | |
| Galveston, Tex. | 82.0 | 81.1 | 81.3 | 80.7 | 80.5 | 80.3 | 80.5 | 81.4 | 83.0 | 84.6 | 85.3 | 86.5 | 87.0 | 87.4 | 87.6 | 87.1 | 86.6 | 85.5 | 84.0 | 83.5 | 83.2 | 82.8 | 82.2 | 83.8 | |
| Havre, Mont. | 51.1 | 50.0 | 48.4 | 47.3 | 46.8 | 45.6 | 44.9 | 45.7 | 46.5 | 47.8 | 51.1 | 53.1 | 55.6 | 57.6 | 59.5 | 60.6 | 61.3 | 60.7 | 59.9 | 55.4 | 58.2 | 51.7 | 50.9 | 52.7 | |
| Independence, Cal. | 62.8 | 61.9 | 59.9 | 55.8 | 57.4 | 56.4 | 55.9 | 54.6 | 52.5 | 54.4 | 58.5 | 62.6 | 65.2 | 68.5 | 71.1 | 72.9 | 74.1 | 73.9 | 74.1 | 73.4 | 69.8 | 67.4 | 65.5 | 64.2 | 64.0 |
| Kalispell, Mont. | 48.6 | 47.9 | 46.9 | 45.9 | 45.2 | 44.8 | 43.7 | 43.6 | 43.5 | 45.4 | 45.4 | 47.9 | 51.3 | 54.4 | 56.5 | 57.7 | 59.9 | 60.2 | 60.2 | 59.0 | 56.4 | 53.3 | 50.9 | 49.2 | 51.3 |
| Kansas City, Mo. | 68.5 | 67.8 | 66.9 | 66.3 | 65.3 | 64.1 | 63.7 | 64.1 | 65.4 | 67.7 | 70.3 | 72.3 | 73.9 | 75.1 | 76.4 | 77.5 | 77.5 | 76.7 | 74.2 | 71.3 | 70.0 | 69.0 | 69.0 | 70.6 | |
| Key West, Fla. | 79.9 | 79.5 | 79.3 | 78.9 | 78.4 | 79.3 | 81.1 | 81.9 | 82.3 | 82.9 | 83.6 | 83.8 | 82.7 | 81.8 | 80.7 | 80.5 | 80.2 | 80.3 | 80.1 | 80.0 | 81.1 | | | | |
| Marquette, Mich. | 56.4 | 56.3 | 56.1 | 55.9 | 55.6 | 55.5 | 55.3 | 57.0 | 57.4 | 58.7 | 60.6 | 61.6 | 62.3 | 62.5 | 62.4 | 62.0 | 61.6 | 60.2 | 58.5 | 57.5 | 57.1 | 56.5 | 56.2 | 58.6 | |
| Memphis, Tenn. | 74.4 | 73.7 | 73.1 | 72.4 | 71.8 | 71.1 | 70.7 | 71.8 | 73.4 | 77.2 | 79.7 | 82.2 | 84.2 | 85.2 | 87.1 | 88.9 | 81.9 | 80.3 | 78.8 | 77.1 | 76.1 | 75.1 | 77.9 | | |
| Mt. Tamalpais, Cal. | 57.7 | 57.2 | 57.4 | 57.2 | 56.9 | 56.6 | 56.2 | 56.0 | 56.0 | 56.0 | 57.0 | 58.5 | 60.1 | 61.5 | 62.9 | 64.4 | 63.5 | 62.1 | 60.9 | 59.2 | 58.5 | 54.8 | 55.3 | 59.0 | |
| New Orleans, La. | 77.7 | 72.2 | 76.9 | 76.6 | 76.4 | 76.0 | 76.6 | 78.1 | 80.6 | 82.0 | 83.8 | 85.0 | 86.4 | 87.3 | 87.7 | 87.4 | 86.4 | 84.9 | 83.4 | 82.0 | 80.2 | 79.6 | 78.4 | 81.2 | |
| New York, N. Y. | 69.4 | 67.8 | 67.0 | 66.6 | 66.4 | 66.0 | 66.4 | 67.3 | 69.2 | 71.4 | 74.9 | 75.4 | 75.5 | 75.0 | 74.4 | 72.9 | 71.7 | 71.0 | 70.2 | 69.6 | 69.0 | 68.4 | 70.5 | | |
| Philadelphia, Pa. | 68.3 | 67.4 | 66.8 | 66.3 | 66.2 | 65.9 | 66.8 | 68.5 | 69.2 | 70.6 | 72.6 | 74.4 | 76.4 | 77.5 | 77.5 | 77.3 | 76.3 | 74.4 | 72.6 | 71.2 | 70.3 | 69.5 | 68.8 | 71.9 | |
| Pittsburg, Pa. | 67.4 | 66.7 | 65.6 | 64.9 | 64.2 | 63.6 | 63.6 | 65.2 | 68.5 | 71.7 | 74.8 | 76.9 | 78.5 | 79.9 | 80.6 | 80.0 | 78.6 | 76.2 | 74.4 | 71.9 | 70.6 | 69.2 | 67.9 | 71.7 | |
| Portland, Oreg. | 55.4 | 58.5 | 57.2 | 56.0 | 54.9 | 54.2 | 53.1 | 53.2 | 52.1 | 52.3 | 53.8 | 55.6 | 58.0 | 60.0 | 62.5 | 64.4 | 68.0 | 67.0 | 66.0 | 65.0 | 62.8 | 61.3 | 61.3 | 65.3 | |
| St. Louis, Mo. | 70.1 | 69.5 | 68.9 | 68.1 | 67.6 | 66.9 | 66.6 | 67.2 | 69.0 | 71.2 | 74.5 | 77.0 | 78.8 | 80.7 | 80.9 | 80.5 | 79.5 | 77.9 | 76.5 | 74.9 | 73.7 | 72.4 | 70.0 | 73.5 | |
| St. Paul, Minn. | 59.7 | 58.8 | 58.0 | 57.2 | 56.5 | 56.1 | 55.7 | 55.4 | 56.6 | 58.9 | 60.7 | 62.5 | 64.2 | 65.4 | 66.4 | 67.0 | 67.5 | 66.6 | 65.0 | 63.7 | 62.3 | 61.1 | 60.1 | 61.4 | |
| Salt Lake City, Utah | 59.3 | 58.7 | 58.0 | 56.5 | 56.2 | 55.1 | 54.0 | 53.5 | 53.1 | 56.7 | 61.7 | 65.5 | 68.3 | 69.4 | 70.8 | 71.8 | 72.5 | 71.2 | 69.9 | 66.3 | 63.9 | 61.2 | 62.0 | 62.8 | |
| San Diego, Cal. | 63.6 | 63.2 | 62.4 | 62.1 | 61.5 | 61.2 | 61.1 | 60.8 | 60.9 | 62.1 | 64.7 | 66.6 | 68.7 | 69.3 | 69.9 | 70.1 | 70.1 | 69.7 | 69.0 | 67.0 | 66.9 | 65.9 | 65.0 | 64.3 | 65.3 |
| San Francisco, Cal. | 60.0 | 59.3 | 58.8 | 58.5 | 58.1 | 57.9 | 57.6 | 57.4 | 57.4 | 58.7 | 60.5 | 64.4 | 66.4 | 67.1 | 68.3 | 69.5 | 65.3 | 64.7 | 63.1 | 62.0 | 61.3 | 60.5 | 62.0 | 62.0 | |
| Santa Fe, N. Mex. | | | | | | | | | | | | | | | | | | | | | | | | | |
| Savannah, Ga. | 75.0 | 74.4 | 73.9 | 73.4 | 72.8 | 72.2 | 72.9 | 75.3 | 79.3 | 82.1 | 83.9 | 84.9 | 85.4 | 84.7 | 84.8 | 83.8 | 83.0 | 81.3 | 79.4 | 78.5 | 77.4 | 77.0 | 76.4 | 75.8 | 78.7 |
| Washington, D. C. | 68.3 | 67.9 | 67.3 | 66.2 | 65.9 | 65.7 | 66.4 | 69.9 | 72.3 | 75.5 | 77.4 | 79.0 | 80.6 | 81.2 | 81.5 | 81.2 | 80.8 | 78.7 | 75.7 | 73.5 | 72.1 | 70.8 | 69.8 | 68.1 | 73.2 |
| <i>West Indies.</i> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basseterre, St. Kitts | 79.5 | 79.5 | 79.4 | 79.4 | 79.6 | 80.7 | 82.3 | 82.4 | 83.9 | 84.6 | 85.2 | 85.1 | 81.2 | 83.8 | 82.4 | 81.4 | 80.6 | 80.4 | 81.1 | 80.4 | 80.8 | 79.9 | 79.8 | 81.6 | |
| Bridgetown, Bar. | 77.3 | 72.2 | 70.9 | 72.2 | 71.7 | 71.5 | 73.1 | 73.8 | 73.3 | 73.5 | 78.1 | 83.9 | 85.2 | 85.1 | 86.1 | 84.3 | 83.6 | 82.0 | 80.0 | 79.3 | 79.0 | 78.2 | 78.1 | 77.5 | 80.9 |
| Cienfuegos, Cuba | 75.2 | 74.4 | 73.8 | 73.5 | 73.3 | 73.5 | 74.6 | 78.2 | 81.7 | 83.5 | 84.9 | 86.0 | 89.9 | 86.2 | 85.1 | 84.4 | 83.7 | 82.8 | 81.5 | 80.7 | 79.5 | 78.7 | 78.5 | 78.4 | 79.4 |
| Havana, Cuba | 77.3 | 76.4 | 75.8 | 75.7 | 75.3 | 75.1 | 75.4 | 77.9 | 80.7 | 82.8 | 83.2 | 84.3 | 83.9 | 84.4 | 84.2 | 83.9 | 83.5 | 83.3 | 82.0 | 81.7 | 80.6 | 79.6 | 78.0 | 78.0 | |
| Kingston, Jamaica | 74.2 | 73.8 | 73.4 | 73.3 | 73.1 | 72.9 | 74.9 | 78.1 | 82.1 | 83.8 | 85.0 | 85.3 | 85.0 | 85.3 | 85.2 | 84.8 | 84.4 | 83.7 | 83.0 | 82.7 | 82.0 | 81.7 | 81.5 | 81.3 | |
| Port of Spain, Trin. | 75.1 | 74.7 | 74.2 | 74.1 | 74.1 | 75.6 | 79.0 | 81.0 | 82.1 | 84.0 | 85.3 | 85.5 | 85.2 | 85.8 | 85.9 | 85.4 | 85.8 | 85.5 | 85.2 | 84.7 | 84.0 | 83.7 | 83.5 | 83.7 | |
| P. Principe, Cuba | 73.2 | 73.4 | 73.3 | 71.7 | 71.3 | 71.8 | 71.6 | 70.9 | 70.4 | 82.0 | 84.0 | 85.9 | 86.7 | 86.9 | 86.5 | 85.2 | 85.2 | 84.0 | 83.4 | 82.8 | 81.4 | 80.7 | 79.7 | 78.0 | |
| Roseau, Dominica | 76.9 | 76.6 | 76.5 | 76.6 | 76.8 | 77.8 | 81.1 | 82.6 | 81.3 | 82.6 | 85.5 | 86.6 | 86.3 | 86.2 | 86.0 | 85.4 | 85.2 | 84.2 | 83.9 | 83.7 | 83.0 | 82.8 | 81.6 | 81.0 | |
| Santiago de Cuba | | | | | | | | | | | | | | | | | | | | | | | | | |
| Santo Domingo, S. D. | 73.0 | 74.6 | 74.8 | 74.2 | 73.6 | 73.4 | 75.4 | 78.9 | 81.5 | 83.8 | 85.1 | 85.6 | 84.1 | 86.2 | 87.0 | 87.3 | 87.2 | 86.7 | 86.4 | 85.5 | 83.8 | 82.2 | 81.7 | 81.1 | 79.2 |
| Willemstad, Curacao | 80.1 | 79.8 | 79.7 | 79.3 | 79.2 | 79.2 | 81.2 | 82.6 | 83.3 | 84.3 | 85.2 | 86.1 | 86.5 | 87.0 | 87.1 | 87.4 | 86.6 | 85.6 | 84.7 | 83.8 | 82.7 | 82.0 | 81.5 | 80.5 | 82.4 |
| <i>West Indies.</i> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Basseterre, St. Kitts | 90.1 | 89.8 | 89.7 | 90.5 | 91.9 | 93.4 | 94.2 | 95.4 | 95.3 | 94.3 | 92.8 | 90.7 | 89.0 | 87.3 | 86.2 | 86.0 | 86.6 | 87.7 | 88.9 | 90.2 | 92.6 | 92.6 | 91.9 | 91.9 | |
| Bridgetown, Bar. | 87.8 | 87.5 | 88.0 | 88.7 | 89.9 | 91.3 | 92.5 | 93.8 | 92.7 | 91.2 | 89.1 | 87.3 | 85.9 | 84.2 | 82.9 | 81.7 | 80.6 | 80.0 | 80.7 | 81.5 | | | | | |

TABLE V.—Average wind movement for each hour of seventy-fifth meridian time, September, 1900.

| Stations | Hourly Wind Movement | | | | | | | | | | | | Hourly Wind Movement | | | | | | | | | | | | Midnight | Mean |
|----------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|-------|--------|----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|------|------|----------|------|
| | 1 a.m. | 2 a.m. | 3 a.m. | 4 a.m. | 5 a.m. | 6 a.m. | 7 a.m. | 8 a.m. | 9 a.m. | 10 a.m. | Noon. | 1 p.m. | 2 p.m. | 3 p.m. | 4 p.m. | 5 p.m. | 6 p.m. | 7 p.m. | 8 p.m. | 9 p.m. | 10 p.m. | 11 p.m. | | | | |
| Abilene, Tex. | 8.6 | 8.5 | 8.1 | 8.2 | 8.2 | 7.0 | 6.1 | 6.3 | 7.0 | 9.0 | 9.9 | 10.7 | 11.4 | 11.1 | 10.7 | 10.8 | 11.5 | 11.1 | 10.6 | 8.8 | 7.3 | 7.7 | 7.7 | 8.4 | 8.9 | |
| Albany, N. Y. | 5.6 | 5.5 | 5.1 | 5.0 | 4.9 | 5.8 | 6.0 | 6.5 | 7.9 | 8.5 | 9.0 | 9.0 | 9.4 | 9.2 | 9.2 | 8.7 | 7.8 | 6.8 | 6.7 | 6.3 | 5.8 | 6.3 | 5.9 | 5.9 | 7.1 | |
| Alpena, Mich. | 8.4 | 7.6 | 7.7 | 8.3 | 8.3 | 7.8 | 7.2 | 8.5 | 9.2 | 10.0 | 10.7 | 11.5 | 12.5 | 12.7 | 13.0 | 12.6 | 11.9 | 10.8 | 9.4 | 8.1 | 8.7 | 8.9 | 9.3 | 8.5 | 9.8 | |
| Amarillo, Tex. | 12.5 | 13.7 | 12.9 | 12.7 | 12.4 | 13.0 | 13.0 | 13.4 | 14.1 | 12.5 | 14.4 | 16.5 | 16.1 | 16.4 | 15.7 | 15.9 | 15.4 | 16.6 | 17.4 | 16.3 | 14.2 | 12.1 | 11.7 | 12.0 | 14.2 | |
| Atlanta, Ga. | 8.9 | 9.2 | 8.5 | 8.2 | 8.1 | 7.9 | 7.6 | 7.3 | 7.9 | 8.1 | 9.6 | 9.8 | 9.4 | 9.6 | 9.7 | 10.2 | 8.8 | 7.9 | 7.7 | 7.6 | 8.7 | 8.7 | 8.9 | 8.9 | 8.6 | |
| Atlantic City, N. J. | 8.2 | 7.8 | 8.1 | 8.2 | 8.5 | 8.1 | 8.6 | 9.6 | 9.7 | 0.8 | 10.1 | 10.0 | 10.5 | 11.3 | 11.4 | 11.0 | 10.6 | 8.6 | 8.8 | 9.0 | 8.4 | 8.8 | 8.4 | 9.2 | | |
| Augusta, Ga. | 3.2 | 3.2 | 3.4 | 3.2 | 2.9 | 3.0 | 2.9 | 3.3 | 4.6 | 5.7 | 6.7 | 6.9 | 7.5 | 7.8 | 7.3 | 6.8 | 5.6 | 5.6 | 4.8 | 4.3 | 3.9 | 3.6 | 3.7 | 3.4 | 2.8 | 4.7 |
| Baker City, Oreg. | 3.2 | 2.9 | 2.9 | 3.8 | 4.1 | 4.8 | 5.0 | 5.8 | 5.6 | 5.2 | 4.7 | 4.1 | 4.7 | 5.9 | 6.1 | 6.7 | 7.8 | 7.4 | 7.9 | 7.6 | 5.4 | 4.5 | 4.0 | 3.1 | 5.1 | |
| Baltimore, Md. | 3.5 | 3.5 | 3.4 | 3.2 | 3.6 | 3.6 | 4.1 | 4.2 | 5.1 | 5.6 | 5.8 | 5.7 | 5.7 | 6.0 | 5.8 | 6.0 | 5.4 | 4.7 | 3.6 | 3.3 | 3.4 | 3.5 | 3.7 | 3.5 | 4.4 | |
| Bismarck, N. Dak. | 10.4 | 8.8 | 8.3 | 8.5 | 8.5 | 8.2 | 8.7 | 10.2 | 11.4 | 12.7 | 13.2 | 14.1 | 14.6 | 14.2 | 14.4 | 14.5 | 12.7 | 11.2 | 10.3 | 10.1 | 11.0 | 10.8 | 11.3 | | | |
| Block Island, R. I. | 13.5 | 13.6 | 13.3 | 13.9 | 14.2 | 14.0 | 13.7 | 14.1 | 13.8 | 14.2 | 14.5 | 13.3 | 14.0 | 14.4 | 14.8 | 14.6 | 13.7 | 14.0 | 13.4 | 13.7 | 13.3 | 13.0 | 13.2 | 13.8 | | |
| Boise, Idaho | 3.7 | 3.3 | 3.1 | 2.9 | 2.9 | 3.0 | 3.1 | 3.2 | 2.7 | 2.7 | 3.1 | 4.1 | 4.9 | 5.4 | 5.4 | 5.6 | 5.5 | 5.5 | 4.8 | 4.0 | 3.7 | 3.4 | 3.7 | 3.9 | | |
| Boston, Mass. | 7.8 | 7.8 | 7.9 | 7.7 | 8.5 | 8.8 | 9.0 | 9.4 | 10.3 | 11.2 | 11.7 | 12.9 | 12.8 | 11.9 | 11.4 | 10.7 | 9.8 | 9.2 | 8.7 | 8.8 | 8.2 | 7.9 | 8.0 | 9.5 | | |
| Buffalo, N. Y. | 12.1 | 12.0 | 12.2 | 13.1 | 13.1 | 11.8 | 12.1 | 12.6 | 11.7 | 12.1 | 13.6 | 13.7 | 15.2 | 14.5 | 13.3 | 13.1 | 13.0 | 12.0 | 12.2 | 12.0 | 12.5 | 12.5 | 12.8 | | | |
| Cairo, Ill. | 5.1 | 5.2 | 4.8 | 5.0 | 4.9 | 4.7 | 4.8 | 5.2 | 6.9 | 7.2 | 7.7 | 7.7 | 7.7 | 8.2 | 7.8 | 7.3 | 6.7 | 5.6 | 5.1 | 5.0 | 5.1 | 5.2 | 5.1 | 6.0 | | |
| Cape Henry, Va. | 10.4 | 10.0 | 9.8 | 9.2 | 9.4 | 9.0 | 9.2 | 9.2 | 10.1 | 9.7 | 9.6 | 10.4 | 11.0 | 12.0 | 12.5 | 12.4 | 12.0 | 10.5 | 10.1 | 10.5 | 10.5 | 10.3 | 10.6 | 10.1 | 10.4 | |
| Carson City, Nev. | 6.5 | 6.0 | 6.0 | 4.7 | 4.3 | 3.9 | 3.7 | 3.7 | 3.2 | 3.6 | 4.5 | 6.1 | 7.6 | 7.8 | 8.9 | 9.0 | 9.8 | 9.9 | 10.3 | 9.6 | 8.6 | 8.5 | 7.9 | 6.6 | 6.8 | |
| Cedar City, Utah | 6.3 | 6.2 | 6.4 | 5.6 | 5.5 | 5.0 | 4.8 | 5.4 | 5.6 | 4.8 | 3.8 | 5.7 | 7.3 | 8.6 | 8.5 | 8.5 | 9.3 | 9.1 | 8.2 | 7.9 | 6.2 | 5.5 | 5.9 | 6.5 | | |
| Charleston, S. C. | 8.8 | 8.4 | 8.6 | 8.2 | 8.3 | 8.5 | 9.0 | 10.7 | 11.9 | 11.9 | 12.3 | 13.2 | 13.9 | 14.5 | 14.8 | 14.2 | 13.2 | 11.3 | 9.8 | 9.5 | 9.3 | 8.9 | 10.7 | | | |
| Charlotte, N. C. | 4.5 | 4.8 | 4.6 | 4.1 | 3.9 | 3.9 | 3.8 | 4.2 | 5.2 | 5.9 | 6.1 | 6.2 | 5.7 | 6.1 | 6.2 | 5.6 | 4.9 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 4.9 | | | |
| Chattanooga, Tenn. | 3.5 | 3.4 | 3.0 | 3.0 | 3.3 | 3.3 | 3.3 | 3.6 | 4.4 | 5.6 | 6.7 | 7.7 | 8.3 | 8.2 | 8.6 | 7.9 | 8.4 | 7.2 | 6.5 | 4.9 | 3.6 | 3.0 | 2.6 | 5.1 | | |
| Cheyenne, Wyo. | 8.5 | 8.3 | 7.5 | 8.3 | 7.7 | 7.1 | 7.4 | 7.7 | 7.9 | 8.8 | 10.0 | 10.8 | 12.2 | 13.3 | 13.2 | 12.8 | 13.3 | 13.1 | 12.2 | 10.3 | 8.5 | 9.0 | 8.5 | 10.0 | | |
| Chicago, Ill. | 14.8 | 15.2 | 14.9 | 15.5 | 15.1 | 15.0 | 14.4 | 14.5 | 14.8 | 15.7 | 15.2 | 15.8 | 16.8 | 18.0 | 17.8 | 18.7 | 18.2 | 17.2 | 16.0 | 16.0 | 16.3 | 16.1 | 16.6 | 14.7 | 16.0 | |
| Cincinnati, Ohio | 3.9 | 4.4 | 4.4 | 4.3 | 4.4 | 3.9 | 4.4 | 4.8 | 5.3 | 6.3 | 7.2 | 8.3 | 8.4 | 8.4 | 8.4 | 7.9 | 7.3 | 6.2 | 5.4 | 4.6 | 4.0 | 3.8 | 5.7 | | | |
| Cleveland, Ohio | 14.6 | 14.2 | 13.6 | 13.3 | 12.8 | 13.9 | 13.5 | 13.2 | 12.7 | 13.5 | 13.7 | 14.7 | 15.1 | 15.7 | 15.9 | 15.6 | 14.6 | 13.4 | 12.3 | 12.0 | 12.4 | 13.4 | 14.1 | 14.4 | 13.9 | |
| Columbia, Mo. | 6.9 | 7.0 | 6.8 | 6.7 | 6.9 | 6.6 | 6.0 | 6.7 | 7.5 | 8.0 | 8.4 | 8.5 | 8.6 | 8.6 | 8.5 | 8.7 | 7.9 | 7.3 | 6.1 | 6.6 | 6.4 | 7.3 | 7.1 | 6.9 | 7.3 | |
| Columbus, Ohio | 5.1 | 4.9 | 5.1 | 5.1 | 5.8 | 5.4 | 5.1 | 5.3 | 6.2 | 6.6 | 7.5 | 7.7 | 9.0 | 9.5 | 8.9 | 8.9 | 8.4 | 8.6 | 6.6 | 6.6 | 6.2 | 5.2 | 6.7 | | | |
| Concordia, Kans. | 7.5 | 7.4 | 7.4 | 7.1 | 6.5 | 6.6 | 6.0 | 6.5 | 7.3 | 9.5 | 10.5 | 10.4 | 10.4 | 10.7 | 10.8 | 11.1 | 10.6 | 9.1 | 8.8 | 8.7 | 7.1 | 7.4 | 7.3 | 8.4 | | |
| Corpus Christi, Tex. | 13.4 | 12.6 | 10.9 | 10.2 | 9.1 | 8.6 | 8.6 | 8.4 | 7.8 | 8.6 | 10.4 | 11.7 | 12.4 | 14.5 | 15.7 | 16.6 | 16.8 | 17.0 | 16.7 | 15.9 | 15.9 | 16.5 | 15.5 | 13.2 | | |
| Davenport, Iowa | 6.1 | 5.9 | 5.7 | 6.0 | 5.8 | 5.5 | 5.6 | 5.9 | 6.8 | 7.4 | 8.4 | 9.3 | 9.3 | 9.6 | 9.5 | 10.1 | 9.5 | 8.1 | 5.7 | 5.1 | 5.6 | 5.5 | 6.0 | | | |
| Denver, Colo. | 6.8 | 6.7 | 7.2 | 7.5 | 7.8 | 6.7 | 7.2 | 5.9 | 5.3 | 5.1 | 5.3 | 5.8 | 7.1 | 8.2 | 9.6 | 9.8 | 11.1 | 10.9 | 11.1 | 9.2 | 8.5 | 8.8 | 7.5 | 7.8 | | |
| Des Moines, Iowa | 6.4 | 5.9 | 6.0 | 6.0 | 6.1 | 6.3 | 6.8 | 7.5 | 7.5 | 8.5 | 9.3 | 10.0 | 10.6 | 10.3 | 10.6 | 11.1 | 10.6 | 9.7 | 8.1 | 6.7 | 6.1 | 6.2 | 6.7 | 7.7 | | |
| Detroit, Mich. | 8.0 | 8.1 | 8.2 | 8.3 | 8.5 | 8.2 | 8.0 | 8.3 | 8.8 | 9.4 | 9.9 | 10.2 | 11.3 | 11.7 | 11.3 | 11.1 | 10.4 | 9.3 | 8.2 | 8.3 | 8.2 | 7.9 | 9.1 | 11.3 | | |
| Dodge, Kans. | 10.7 | 10.7 | 10.9 | 9.7 | 9.6 | 8.7 | 8.6 | 8.6 | 9.3 | 11.7 | 13.4 | 13.5 | 13.8 | 14.0 | 14.6 | 14.3 | 13.1 | 12.1 | 10.5 | 9.7 | 9.4 | 9.8 | 9.6 | 11.3 | | |
| Dubuque, Iowa | 5.9 | 5.7 | 6.1 | 6.0 | 6.0 | 5.8 | 5.8 | 5.9 | 7.2 | 8.3 | 8.7 | 9.3 | 9.5 | 9.2 | 9.5 | 10.3 | 9.3 | 7.9 | 7.1 | 6.3 | 5.7 | 5.7 | 5.9 | 7.4 | | |
| Duluth, Minn. | 9.0 | 9.3 | 8.8 | 8.9 | 9.4 | 9.3 | 9.9 | 9.3 | 8.6 | 8.9 | 9.3 | 9.1 | 10.4 | 10.6 | 11.7 | 11.1 | 10.9 | 10.0 | 8.9 | 8.7 | 9.0 | 9.4 | 9.9 | 9.8 | 9.6 | |
| Eastport, Me. | 7.8 | 7.2 | 6.6 | 7.0 | 7.2 | 7.3 | 7.4 | 8.4 | 9.3 | 9.3 | 10.0 | 10.6 | 10.6 | 10.7 | 10.7 | 10.5 | 11.2 | 9.9 | 8.9 | 8.6 | 8.1 | 7.7 | 8.0 | 8.8 | | |
| Elkins, W. Va. | 1.3 | 1.4 | 1.3 | 1.9 | 1.7 | 1.7 | 1.9 | 2.4 | 3.1 | 3.9 | 5.4 | 5.9 | 6.1 | 5.9 | 5.4 | 4.4 | 2.3 | 1.6 | 1.3 | 1.2 | 1.3 | 1.2 | 2.9 | | | |
| El Paso, Tex. | 8.7 | 8.6 | 8.5 | 8.0 | 8.3 | 8.4 | 8.1 | 7.8 | 7.1 | 6.8 | 7.5 | 8.7 | 8.9 | 9.1 | 10.1 | 10.6 | 10.9 | 9.9 | 9.7 | 10.2 | 10.4 | 8.9 | 8.8 | | | |
| Erie, Pa. | 10.2 | 10.3 | 10.2 | 10.0 | 9.8 | 10.0 | 9.7 | 10.3 | 10.6 | 10.7 | 10.9 | 11.5 | 11.5 | 11.0 | 10.5 | 10.0 | 9.4 | 9.1 | 9.5 | 9.1 | 10.1 | 9.9 | | | | |
| Escanaba, Mich. | 7.5 | 7.3 | 6.9 | 7.0 | 7.3 | 7.1 | 7.9 | 9.4 | 9.6 | 9.9 | 10.7 | 11.0 | 10.8 | 10.8 | 10.3 | 10.1 | 10.4 | 10.1 | 10.6 | 11.1 | 10.2 | 9.1 | 8.1 | 9.2 | | |
| Eureka, Cal. | 5.5 | 5.0 | 4.4 | 4.3 | 4.0 | 3.7 | 3.4 | 3.4 | 3.2 | 3.0 | 3.3 | 3.8 | 4.8 | 6.9 | 5.9 | 5.9 | 5.0 | 5.2 | 5.1 | 5.0 | 5.2 | 5.0 | 6.0 | 6.3 | | |
| Evansville, Ind. | 4.3 | 4.1 | 4.3 | 4.8 | 4.7 | 4.3 | 4.4 | 5.0 | 5.4 | 5.8 | 6.4 | 6.7 | 7.0 | 7.3 | 7.5 | 7.1 | 6.9 | 6.0 | 5.6 | 4.4 | 4.9 | 4.7 | 4.6 | 5.4 | | |
| Fort Smith, Ark. | 6.3 | 6.4 | 6.5 | 6.8 | 6.4 | 6.4 | 6.2 | 6.4 | 6.4 | 7.3 | 7.6 | 7.7 | 8.6 | 9.6 | 9.2 | 9.3 | 9.0 | 8.8 | 8.0 | 7.5 | 7.3 | 6.3 | 6.8 | 7.5 | | |
| Fort Worth, Tex. | 10.1 | 10.2 | 9.6 | 9.8 | 10.0 | 8.9 | 8.9 | 8.4 | 9.4 | 10.8 | 12.1 | 12.4 | 13.0 | 12.9 | 12.9 | 13.1 | 12.7 | 12.1 | 10.4 | 10.6 | 10.6 | 10.5 | 10.9 | 10.9 | | |
| Fresno, Cal. | 4.2 | 4.1 | 3.8 | 3.7 | 3.4 | 3.2 | 3.2 | 3.1 | 2.8 | 2.8 | 3.3 | 3.6 | 3.7 | 3.8 | 4.2 | 4.2 | 3.9 | 3.9 | 3.6 | 3.5 | 4.1 | 4.1 | 3.7 | | | |
| Galveston, Tex. | 8.2 | 8.7 | 8.3 | 8.7 | 8.5 | 8.4 | 8.5 | 9.7 | 10.0 | 10.1 | 10.9 | 11.0 | 10.7 | 10.5 | 10.2 | 10.3 | 7.8 | 7.7 | 8.0 | 8.1 | 8.2 | 8.1 | 8.2 | 9.2 | | |
| Grand Haven, Mich. | 8.7 | 9.0 | 9.0 | 8.8 | 9.0 | 8.5 | 8.5 | 8.2 | 8.6 | 9.4 | 10.1 | 10.4 | 10.1 | 1 | | | | | | | | | | | | |

TABLE V.—Average wind movement, etc.—Continued.

| Stations. | Average wind movement, etc. | | | | | | | | | | | | Midnight. | Mean. | | | | | | | | | | | | |
|------------------------------|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|----------|---------|-------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|------|------|-----|
| | 1 a.m. | 2 a.m. | 3 a.m. | 4 a.m. | 5 a.m. | 6 a.m. | 7 a.m. | 8 a.m. | 9 a.m. | 10 a.m. | 11 a.m. | Noon. | 1 p.m. | 2 p.m. | 3 p.m. | 4 p.m. | 5 p.m. | 6 p.m. | 7 p.m. | 8 p.m. | 9 p.m. | 10 p.m. | 11 p.m. | | | |
| New York, N. Y. | 10.6 | 10.4 | 9.3 | 9.1 | 9.8 | 10.4 | 11.2 | 10.4 | 11.0 | 12.0 | 11.8 | 12.6 | 13.3 | 13.6 | 14.2 | 15.0 | 15.2 | 15.0 | 14.0 | 13.7 | 12.3 | 11.1 | 10.6 | 11.0 | 12.0 | |
| Norfolk, Va. | 6.0 | 5.8 | 5.7 | 5.5 | 5.3 | 5.2 | 5.0 | 6.4 | 7.4 | 7.6 | 6.9 | 7.6 | 8.6 | 8.5 | 9.0 | 9.6 | 9.1 | 8.5 | 7.7 | 7.8 | 7.3 | 7.1 | 7.0 | 6.5 | 7.1 | |
| Northfield, Vt. | 5.8 | 5.5 | 5.5 | 5.9 | 5.2 | 5.0 | 4.8 | 5.5 | 7.6 | 8.6 | 8.9 | 10.5 | 11.7 | 12.0 | 11.6 | 10.3 | 9.8 | 8.6 | 6.6 | 6.9 | 6.8 | 7.0 | 6.3 | 5.9 | 7.6 | |
| North Platte, Nebr. | 9.1 | 8.6 | 7.8 | 7.9 | 7.5 | 8.1 | 7.6 | 7.8 | 8.2 | 10.3 | 11.1 | 11.6 | 12.0 | 12.7 | 13.1 | 12.6 | 12.6 | 12.7 | 12.4 | 11.0 | 9.1 | 8.6 | 9.0 | 9.2 | 10.0 | |
| Oklahoma, Okla. | 8.8 | 8.5 | 8.9 | 9.0 | 9.1 | 9.5 | 8.9 | 9.0 | 10.1 | 10.7 | 10.8 | 11.1 | 10.7 | 11.4 | 11.7 | 11.0 | 10.7 | 10.1 | 8.3 | 7.6 | 8.0 | 8.5 | 8.5 | 8.7 | | |
| Omaha, Nebr. | 6.9 | 6.6 | 6.8 | 6.6 | 6.0 | 6.6 | 7.2 | 6.9 | 7.1 | 8.4 | 9.0 | 9.7 | 10.7 | 10.5 | 10.9 | 10.9 | 10.2 | 9.2 | 8.2 | 6.7 | 6.3 | 6.4 | 6.5 | 6.4 | 7.9 | |
| Oswego, N. Y. | 9.3 | 9.1 | 9.0 | 9.3 | 9.3 | 9.4 | 9.3 | 9.9 | 10.3 | 10.2 | 10.2 | 10.6 | 11.0 | 10.9 | 10.0 | 9.9 | 9.2 | 8.1 | 7.4 | 7.5 | 7.9 | 8.2 | 8.7 | 8.4 | 9.3 | |
| Palestine, Tex. | 6.8 | 6.4 | 6.1 | 6.4 | 6.3 | 6.0 | 5.8 | 5.7 | 6.2 | 7.2 | 7.9 | 8.7 | 9.1 | 9.1 | 8.7 | 8.6 | 7.8 | 7.6 | 6.6 | 5.8 | 6.2 | 6.9 | 6.4 | 6.9 | | |
| Parkersburg, W. Va. | 3.5 | 3.2 | 3.3 | 3.3 | 3.4 | 3.1 | 3.1 | 3.3 | 3.8 | 4.7 | 5.8 | 6.2 | 6.7 | 7.6 | 7.2 | 6.7 | 6.5 | 5.3 | 3.2 | 2.6 | 2.9 | 3.3 | 3.4 | 4.4 | | |
| Pensacola, Fla. | 9.3 | 9.1 | 9.3 | 9.5 | 9.7 | 9.7 | 9.8 | 10.4 | 10.9 | 11.8 | 11.1 | 11.2 | 12.0 | 12.2 | 12.3 | 11.6 | 11.9 | 10.4 | 9.3 | 9.0 | 9.1 | 8.8 | 9.0 | 10.3 | | |
| Phenix, Ariz. | 3.7 | 3.7 | 3.6 | 3.6 | 3.3 | 3.1 | 3.0 | 3.0 | 3.0 | 3.3 | 4.0 | 4.5 | 4.8 | 5.3 | 5.4 | 5.8 | 6.2 | 6.2 | 6.6 | 5.5 | 4.4 | 4.5 | 4.7 | 4.0 | 4.4 | |
| Philadelphia, Pa. | 7.0 | 7.3 | 7.8 | 7.7 | 7.7 | 7.3 | 7.8 | 8.1 | 9.3 | 9.7 | 9.3 | 9.1 | 9.5 | 9.7 | 9.6 | 9.5 | 9.4 | 8.8 | 8.6 | 8.3 | 7.9 | 7.0 | 7.4 | 7.0 | 8.4 | |
| Pierre, S. Dak. | 12.2 | 11.5 | 10.4 | 10.8 | 10.7 | 10.1 | 9.9 | 9.9 | 11.1 | 13.4 | 14.8 | 15.0 | 14.8 | 15.6 | 16.0 | 16.3 | 16.8 | 15.9 | 15.5 | 13.9 | 13.0 | 13.0 | 13.9 | 13.7 | 13.3 | |
| Pittsburg, Pa. | 3.9 | 4.0 | 3.8 | 4.1 | 4.1 | 4.0 | 4.2 | 4.3 | 4.6 | 5.2 | 6.2 | 6.7 | 7.8 | 7.5 | 8.0 | 7.7 | 7.1 | 7.2 | 5.7 | 5.1 | 5.0 | 4.5 | 4.2 | 4.1 | 5.4 | |
| Pocatello, Idaho. | 10.7 | 10.5 | 10.8 | 9.9 | 9.7 | 9.4 | 9.7 | 9.7 | 10.4 | 11.0 | 11.4 | 11.1 | 11.4 | 12.6 | 13.0 | 12.5 | 12.5 | 11.8 | 9.2 | 8.0 | 8.0 | 8.9 | 8.0 | 10.4 | 10.7 | |
| Point Reyes Lt., Cal. | 14.8 | 14.6 | 14.3 | 12.7 | 11.8 | 11.4 | 10.8 | 10.7 | 10.1 | 9.1 | 9.8 | 9.3 | 10.2 | 10.7 | 10.8 | 12.7 | 13.4 | 13.8 | 14.2 | 14.8 | 15.3 | 15.3 | 15.4 | 12.4 | | |
| Port Crescent, Wash. | 2.4 | 2.5 | 2.5 | 2.1 | 2.0 | 2.1 | 2.2 | 2.4 | 2.3 | 2.4 | 2.3 | 2.7 | 4.8 | 5.8 | 5.8 | 5.9 | 5.7 | 5.5 | 4.9 | 3.9 | 3.2 | 2.8 | 2.7 | 3.6 | | |
| Port Huron, Mich. | 9.6 | 10.1 | 10.3 | 9.5 | 9.8 | 9.2 | 8.7 | 8.4 | 9.3 | 10.1 | 10.8 | 11.4 | 12.1 | 12.8 | 12.3 | 11.6 | 11.1 | 10.3 | 9.5 | 9.6 | 9.7 | 9.2 | 9.0 | 9.4 | 10.2 | |
| Portland, Me. | 4.7 | 4.4 | 4.2 | 4.5 | 4.6 | 4.4 | 4.9 | 5.7 | 6.6 | 7.4 | 8.3 | 8.2 | 9.9 | 9.6 | 9.6 | 9.9 | 9.2 | 7.3 | 5.4 | 5.4 | 5.0 | 5.0 | 4.9 | 4.9 | 6.4 | |
| Portland, Oreg. | 7.6 | 7.7 | 6.7 | 6.2 | 6.0 | 5.9 | 5.7 | 5.8 | 5.7 | 6.1 | 6.1 | 6.3 | 7.1 | 7.4 | 8.0 | 8.6 | 9.1 | 9.6 | 8.5 | 8.3 | 7.9 | 8.1 | 7.3 | | | |
| Pueblo, Colo. | 6.6 | 5.6 | 5.6 | 5.3 | 4.9 | 5.1 | 5.2 | 5.0 | 4.8 | 4.4 | 4.9 | 5.5 | 6.7 | 7.3 | 8.0 | 8.6 | 8.8 | 9.2 | 9.4 | 9.6 | 7.9 | 7.4 | 6.7 | 6.6 | | |
| Raleigh, N. C. | 3.0 | 2.7 | 3.3 | 2.8 | 2.8 | 2.9 | 2.8 | 3.4 | 4.0 | 4.7 | 5.1 | 5.4 | 5.4 | 5.5 | 5.5 | 5.8 | 5.3 | 4.6 | 3.3 | 3.3 | 3.6 | 3.6 | 3.6 | 4.0 | | |
| Rapid City, S. Dak. | 6.8 | 6.9 | 6.6 | 5.8 | 5.8 | 5.9 | 6.4 | 8.0 | 8.2 | 8.8 | 9.4 | 11.4 | 12.5 | 12.5 | 12.7 | 12.1 | 11.4 | 10.9 | 10.3 | 9.8 | 7.3 | 7.4 | 8.1 | 8.8 | | |
| Red Bluff, Cal. | 6.4 | 6.1 | 6.0 | 6.3 | 5.8 | 6.0 | 5.7 | 5.8 | 5.2 | 5.4 | 6.8 | 8.1 | 8.9 | 9.1 | 8.4 | 9.5 | 8.8 | 9.0 | 8.6 | 7.9 | 7.8 | 6.9 | 7.3 | | | |
| Richmond, Va. | 3.4 | 3.5 | 3.7 | 3.6 | 3.4 | 3.4 | 3.6 | 4.0 | 4.6 | 4.9 | 5.4 | 5.1 | 5.3 | 5.2 | 5.1 | 4.8 | 4.6 | 4.0 | 3.8 | 3.6 | 3.7 | 3.6 | 4.2 | | | |
| Rochester, N. Y. | 6.1 | 6.1 | 5.9 | 6.3 | 6.6 | 6.4 | 6.3 | 7.0 | 7.8 | 8.2 | 8.8 | 9.0 | 9.5 | 9.5 | 9.4 | 8.9 | 7.9 | 6.1 | 5.0 | 5.1 | 4.9 | 4.8 | 5.1 | 5.5 | 6.9 | |
| Roseburg, Oreg. | 2.3 | 2.0 | 2.1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.9 | 2.0 | 2.1 | 2.5 | 3.2 | 3.8 | 4.0 | 5.4 | 6.0 | 6.5 | 7.2 | 7.6 | 6.6 | 4.7 | 3.5 | 2.3 | 3.6 | |
| Sacramento, Cal. | 10.0 | 9.2 | 8.3 | 8.5 | 9.3 | 9.1 | 9.0 | 8.8 | 8.5 | 8.6 | 7.6 | 7.4 | 8.1 | 8.7 | 8.7 | 9.3 | 9.4 | 9.9 | 10.1 | 10.5 | 10.7 | 9.6 | 9.8 | 10.6 | 9.4 | 9.2 |
| St. Louis, Mo. | 7.6 | 8.0 | 7.8 | 7.5 | 7.3 | 7.4 | 7.4 | 7.2 | 7.7 | 7.6 | 8.7 | 9.2 | 9.6 | 9.7 | 9.9 | 9.5 | 9.6 | 9.9 | 9.2 | 7.7 | 7.4 | 8.0 | 7.9 | 8.0 | 8.4 | |
| St. Paul, Minn. | 6.7 | 6.6 | 6.8 | 6.3 | 6.5 | 6.2 | 6.0 | 5.7 | 6.8 | 7.1 | 7.8 | 8.8 | 9.1 | 9.8 | 10.8 | 10.5 | 10.0 | 10.0 | 9.4 | 8.6 | 7.1 | 7.2 | 7.3 | 7.4 | 7.9 | |
| Salt Lake City, Utah. | 4.8 | 4.7 | 5.1 | 5.0 | 4.8 | 4.6 | 4.4 | 4.4 | 4.1 | 3.9 | 3.6 | 3.8 | 5.3 | 7.8 | 9.0 | 10.3 | 10.5 | 10.1 | 10.3 | 10.5 | 9.2 | 7.1 | 6.2 | 5.8 | 6.5 | |
| San Antonio, Tex. | 6.7 | 6.0 | 5.2 | 5.2 | 5.0 | 5.0 | 4.8 | 5.0 | 5.7 | 7.3 | 8.3 | 9.1 | 9.9 | 9.6 | 9.7 | 9.6 | 9.9 | 9.7 | 9.5 | 8.9 | 8.6 | 8.4 | 8.1 | 7.4 | 7.6 | |
| San Diego, Cal. | 3.5 | 3.6 | 3.5 | 3.6 | 3.9 | 3.7 | 3.5 | 3.4 | 3.3 | 3.4 | 3.2 | 4.5 | 7.0 | 8.6 | 10.2 | 11.2 | 11.5 | 11.1 | 10.4 | 9.7 | 8.2 | 6.2 | 4.4 | 3.4 | 6.0 | |
| Sandusky, Ohio. | 6.9 | 6.7 | 7.1 | 7.3 | 7.3 | 6.8 | 6.7 | 6.4 | 6.9 | 7.6 | 8.2 | 8.6 | 8.9 | 8.9 | 8.9 | 8.4 | 8.4 | 7.6 | 6.3 | 6.6 | 6.5 | 6.5 | 6.8 | 7.0 | | |
| San Francisco, Cal. | 9.6 | 9.1 | 8.4 | 8.1 | 7.7 | 7.2 | 6.7 | 6.0 | 5.8 | 5.9 | 6.0 | 7.3 | 8.3 | 8.3 | 12.4 | 13.7 | 16.1 | 18.5 | 18.9 | 18.1 | 15.1 | 12.3 | 10.6 | 10.9 | | |
| San Luis Obispo, Cal. | 2.0 | 2.0 | 2.0 | 2.5 | 3.3 | 3.6 | 4.1 | 3.9 | 2.7 | 2.5 | 3.0 | 4.7 | 5.5 | 6.7 | 7.5 | 8.6 | 10.7 | 10.9 | 10.8 | 8.5 | 6.6 | 5.2 | 3.5 | 2.2 | 5.1 | |
| Santa Fe, N. Mex. | 6.2 | 6.5 | 5.4 | 4.9 | 4.3 | 4.5 | 4.8 | 3.8 | 3.7 | 4.6 | 5.5 | 7.0 | 7.7 | 8.3 | 8.6 | 8.8 | 9.4 | 9.7 | 8.3 | 6.5 | 6.9 | 7.7 | 6.7 | | | |
| Sault Ste. Marie, Mich. | 5.8 | 5.6 | 5.3 | 5.6 | 5.7 | 5.4 | 5.5 | 5.6 | 6.2 | 7.4 | 8.3 | 8.7 | 9.7 | 11.1 | 10.8 | 10.6 | 10.4 | 10.2 | 8.3 | 7.0 | 6.9 | 6.1 | 6.0 | 7.5 | | |
| Savannah, Ga. | 4.9 | 4.8 | 4.6 | 4.6 | 4.6 | 4.8 | 4.7 | 5.1 | 6.8 | 8.4 | 8.8 | 9.1 | 9.4 | 10.4 | 10.1 | 9.6 | 8.8 | 8.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 | | |
| Seattle, Wash. | 2.9 | 3.3 | 2.7 | 2.5 | 2.5 | 2.8 | 3.3 | 3.0 | 3.1 | 3.5 | 3.7 | 3.7 | 4.3 | 5.0 | 5.6 | 5.9 | 6.0 | 6.2 | 6.0 | 5.3 | 4.0 | 3.6 | 2.7 | 4.1 | | |
| Shreveport, La. | 5.4 | 4.7 | 4.8 | 4.7 | 4.5 | 4.5 | 4.9 | 4.8 | 5.8 | 6.8 | 7.2 | 7.6 | 8.3 | 8.2 | 8.0 | 8.1 | 7.8 | 7.4 | 5.8 | 5.1 | 5.0 | 5.6 | 5.8 | 6.1 | | |
| Sioux City, Iowa. | 11.9 | 11.1 | 11.4 | 10.8 | 10.4 | 11.3 | 11.5 | 11.9 | 13.0 | 14.2 | 14.9 | 15.7 | 16.6 | 17.1 | 17.1 | 16.5 | 15.6 | 13.7 | 12.9 | 11.9 | 12.2 | 11.9 | 13.4 | | | |
| Spokane, Wash. | 4.8 | 4.6 | 4.6 | 4.5 | 4.5 | 4.7 | 4.4 | 4.2 | 4.1 | 4.0 | 4.7 | 5.5 | 6.2 | 6.8 | 6.6 | 6.6 | 7.0 | 7.3 | 7.5 | 6.1 | 5.1 | 4.8 | 5.4 | | | |
| Springfield, Ill. | 7.3 | 7.2 | 7.4 | 7.4 | 7.3 | 7.6 | 7.9 | 7.5 | 8.1 | 9.3 | 9.5 | 9.7 | 9.8 | 10.0 | 9.7 | 9.1 | 9.2 | 8.8 | 7.5 | 7.1 | 7.1 | 7.8 | 7.6 | 8.2 | | |
| Springfield, Mo. | 9.0 | 8.9 | 8.7 | 8.4 | 8.5 | 8.9 | 8.7 | 9.1 | 10.1 | 10.5 | 10.8 | 10.3 | 10.5 | 9.9 | 9.8 | 9.4 | 9.3 | 8.3 | 8.1 | 8.8 | 9.1 | 9.3 | 9.3 | | | |
| Tacoma, Wash. | 6.7 | 7.7 | 7.5 | 7.9 | 7.8 | 7.6 | 7.6 | 8.4 | 7.7 | 8.0 | 8.2 | 9.0 | 8.9 | 8.7 | 8.3 | 9.5 | 10.5 | 10.8 | 9.8 | 8.8 | 7.9 | 6.9 | 6.1 | 6.7 | 8.3 | |
| Tampa, Fla. | 5.2 | 5.3 | 5.5 | 5.3 | 4.9 | 5.2 | 5.8 | 5.8 | 6.7 | 8.3 | 9.3 | 9.2 | 9.1 | 9.0 | 9.3 | 9.6 | 9.2 | 8.2 | 6.7 | 6.6 | 6.4 | 5.9 | 5.3 | 7.2 | | |
| Toledo, Ohio. | 8.4 | 8.8 | 7.8 | 7.2 | 7.2 | 7.4 | 7.6 | 8.3 | 9.4 | 10.5 | 10.8 | 11.0 | 11.4 | 11.5 | 11.3 | 10.7 | 10.2 | 8.4 | 7.7 | 7.9 | 8.5 | 8.6 | 9.0 | | | |
| Valentine, Nebr. | 9.5 | 9.0 | 9.8 | 9.6 | 8.9 | 9.8 | 9.2 | 8.6 | 9.8 | 13.0</td | | | | | | | | | | | | | | | | |

TABLE VI.—Resultant winds from observations at 8 a. m. and 8 p. m., daily, during the month of September, 1900.

| Stations. | Component direction from— | | | | Resultant. | | Stations. | Component direction from— | | | | Resultant. | |
|-----------------------------------|---------------------------|----|----|----|-----------------|-----------|-------------------------------------|---------------------------|----|----|----|-----------------|-----------|
| | N. | S. | E. | W. | Direction from— | Duration. | | N. | S. | E. | W. | Direction from— | Duration. |
| <i>New England.</i> | | | | | o | Hours. | | | | | | o | Hours. |
| Eastport, Me. | 20 | 21 | 6 | 26 | s. 87 w. | 20 | St. Paul, Minn. | 13 | 28 | 9 | 23 | s. 43 w. | 2 |
| Portland, Me. | 19 | 22 | 5 | 27 | s. 82 w. | 22 | La Crosse, Wis. † | 4 | 21 | 6 | 5 | s. 3 e. | 17 |
| Northfield, Vt. | 16 | 41 | 3 | 5 | s. 5 w. | 25 | Davenport, Iowa | 11 | 18 | 21 | 23 | s. 16 w. | 7 |
| Boston, Mass. | 18 | 18 | 13 | 25 | w. | 12 | Des Moines, Iowa | 15 | 27 | 15 | 14 | s. 5 e. | 12 |
| Nantucket, Mass. | 17 | 23 | 16 | 20 | s. 34 w. | 7 | Dubuque, Iowa | 14 | 26 | 10 | 20 | s. 5 w. | 12 |
| Block Island, R. I. | 13 | 21 | 19 | 23 | s. 24 w. | 10 | Keokuk, Iowa | 15 | 27 | 18 | 17 | s. 5 e. | 12 |
| New Haven, Conn. | 21 | 22 | 13 | 21 | s. 83 w. | 8 | Cairo, Ill. | 7 | 24 | 19 | 10 | s. 28 e. | 19 |
| <i>Middle Atlantic States.</i> | | | | | o | Hours. | | | | | | s. 28 e. | 19 |
| Albany, N. Y. | 21 | 24 | 4 | 19 | s. 79 w. | 15 | Springfield, Ill. | 22 | 23 | 14 | 14 | s. 1 e. | 1 |
| Binghamton, N. Y. † | 13 | 8 | 2 | 11 | n. 61 w. | 10 | Hannibal, Mo. † | 3 | 14 | 10 | 8 | s. 10 e. | 11 |
| New York, N. Y. | 18 | 23 | 17 | 19 | s. 27 w. | 4 | St. Louis, Mo. | 22 | 20 | 19 | 6 | n. 81 e. | 13 |
| Harrisburg, Pa. † | 13 | 4 | 10 | 9 | n. 6 e. | 9 | <i>Missouri Valley.</i> | | | | | | |
| Philadelphia, Pa. | 16 | 18 | 19 | 20 | s. 27 w. | 2 | Columbia, Mo. * | 8 | 11 | 13 | 7 | s. 63 e. | 7 |
| Scranton, Pa. | 21 | 14 | 20 | 19 | n. 8 e. | 1 | Kansas City, Mo. | 17 | 26 | 22 | 7 | s. 29 e. | 10 |
| Atlantic City, N. J. | 15 | 24 | 16 | 20 | s. 24 w. | 10 | Springfield, Mo. | 12 | 26 | 24 | 4 | s. 55 e. | 24 |
| Cape May, N. J. | 16 | 23 | 19 | 17 | s. 16 e. | 7 | Lincoln, Nebr. | 18 | 26 | 24 | 9 | s. 62 e. | 17 |
| Baltimore, Md. | 20 | 16 | 22 | 14 | n. 63 e. | 9 | Omaha, Nebr. | 18 | 23 | 24 | 8 | s. 73 e. | 17 |
| Washington, D. C. | 19 | 20 | 20 | 13 | s. 82 w. | 7 | Valentine, Nebr. | 21 | 25 | 9 | 16 | s. 60 w. | 8 |
| Lynchburg, Va. | 7 | 27 | 13 | 23 | s. 27 w. | 22 | Sioux City, Iowat. | 7 | 14 | 10 | 6 | s. 3 e. | 8 |
| Norfolk, Va. | 9 | 32 | 22 | 13 | s. 21 e. | 25 | Pierre, S. Dak. | 21 | 14 | 24 | 16 | s. 49 e. | 11 |
| Richmond, Va. | 15 | 32 | 15 | 10 | s. 16 e. | 18 | Huron, S. Dak. | 16 | 20 | 22 | 16 | s. 56 e. | 7 |
| <i>South Atlantic States.</i> | | | | | o | Hours. | | | | | | s. 45 w. | 3 |
| Charlotte, N. C. | 17 | 24 | 24 | 10 | s. 63 e. | 16 | Yankton, S. Dak. † | 10 | 12 | 6 | 8 | | |
| Hatteras, N. C. * | 23 | 16 | 25 | 12 | n. 62 e. | 15 | <i>Northern Slope.</i> | | | | | | |
| Kittyhawk, N. C. * | 8 | 13 | 13 | 6 | s. 54 e. | 9 | Hayre, Mont. | 19 | 16 | 13 | 30 | n. 80 w. | 17 |
| Raleigh, N. C. | 19 | 25 | 12 | 16 | s. 34 w. | 7 | Miles City, Mont. | 25 | 14 | 18 | 13 | n. 24 e. | 12 |
| Wilmington, N. C. | 19 | 16 | 20 | 12 | n. 69 e. | 8 | Helena, Mont. | 16 | 20 | 5 | 32 | s. 82 w. | 27 |
| Charleston, S. C. | 15 | 15 | 28 | 11 | e. | 17 | Kalispell, Mont. | 20 | 18 | 10 | 26 | n. 83 w. | 16 |
| Augusta, Ga. | 15 | 22 | 29 | 7 | s. 72 e. | 23 | Rapid City, S. Dak. | 20 | 17 | 19 | 21 | n. 34 w. | 4 |
| Savannah, Ga. | 20 | 16 | 27 | 13 | n. 74 e. | 15 | Cheyenne, Wyo. | 18 | 22 | 8 | 24 | s. 76 w. | 16 |
| Jacksonville, Fla. | 14 | 14 | 37 | 5 | e. | 32 | Lander, Wyo. | 12 | 25 | 7 | 32 | s. 63 w. | 28 |
| <i>Florida Peninsula.</i> | | | | | o | Hours. | | | | | | n. 39 e. | 6 |
| Jupiter, Fla. | 21 | 12 | 41 | 3 | n. 77 e. | 39 | North Platte, Nebr. | 16 | 21 | 20 | 16 | | |
| Key West, Fla. | 13 | 13 | 36 | 7 | e. | 29 | Denver, Colo. | 21 | 24 | 13 | 15 | s. 34 w. | 4 |
| Tampa, Fla. | 27 | 9 | 29 | 9 | n. 48 e. | 27 | Pueblo, Colo. | 20 | 13 | 21 | 20 | n. 8 e. | 7 |
| <i>Eastern Gulf States.</i> | | | | | o | Hours. | | | | | | s. 41 e. | 29 |
| Atlanta, Ga. | 15 | 17 | 26 | 16 | s. 79 e. | 10 | Concordia, Kans. | 9 | 31 | 25 | 6 | s. 59 e. | 25 |
| Macon, Ga. † | 12 | 4 | 14 | 2 | n. 56 e. | 14 | Dodge, Kans. | 15 | 30 | 22 | 3 | s. 48 e. | 26 |
| Pensacola, Fla. † | 14 | 4 | 14 | 4 | n. 45 e. | 14 | Oklahoma, Okla. | 12 | 33 | 23 | 2 | s. 45 e. | 30 |
| Mobile, Ala. | 25 | 16 | 16 | 13 | n. 18 w. | 10 | <i>Southern Slope.</i> | | | | | | |
| Montgomery, Ala. | 19 | 10 | 34 | 8 | s. 71 e. | 28 | Abilene, Tex. | 10 | 30 | 31 | 8 | s. 48 e. | 30 |
| Meridian, Miss. † | 10 | 7 | 14 | 4 | n. 73 e. | 10 | Amarillo, Tex. | 10 | 31 | 17 | 5 | s. 5 e. | 21 |
| Vicksburg, Miss. | 14 | 23 | 33 | 6 | s. 62 e. | 19 | <i>Southern Plateau.</i> | | | | | | |
| New Orleans, La. | 16 | 22 | 30 | 9 | s. 74 e. | 22 | El Paso, Tex. | 16 | 10 | 27 | 21 | n. 45 e. | 3 |
| <i>Western Gulf States.</i> | | | | | o | Hours. | | | | | | s. 37 e. | 25 |
| Shreveport, La. | 14 | 26 | 29 | 9 | s. 59 e. | 23 | Santa Fe, N. Mex. | 10 | 20 | 25 | 10 | s. 74 w. | 25 |
| Fort Smith, Ark. | 13 | 7 | 43 | 4 | n. 81 e. | 40 | Flagstaff, Ariz. | 15 | 22 | 5 | 29 | s. 24 e. | 12 |
| Little Rock, Ark. | 24 | 18 | 11 | 9 | s. 18 e. | 6 | Phoenix, Ariz. | 10 | 17 | 22 | 22 | s. 53 w. | 5 |
| Corpus Christi, Tex. | 11 | 19 | 21 | 23 | s. 16 w. | 7 | Independence, Cal. | 16 | 22 | 12 | 24 | s. 63 w. | 13 |
| Fort Worth, Tex. † | 6 | 17 | 8 | 7 | s. 5 e. | 11 | <i>Middle Plateau.</i> | | | | | | |
| Galveston, Tex. | 7 | 26 | 32 | 6 | s. 54 e. | 32 | Carson City, Nev. | 16 | 18 | 10 | 25 | s. 82 w. | 15 |
| Palestine, Tex. | 10 | 39 | 12 | 9 | s. 6 e. | 29 | Winnebucca, Nev. | 20 | 14 | 17 | 19 | n. 18 w. | 6 |
| San Antonio, Tex. | 14 | 25 | 37 | 2 | s. 73 e. | 37 | Cedar City, Utah. | 10 | 34 | 19 | 16 | s. 7 e. | 24 |
| <i>Ohio Valley and Tennessee.</i> | | | | | o | Hours. | | | | | | s. 24 e. | 12 |
| Chattanooga, Tenn. | 18 | 22 | 21 | 17 | s. 45 e. | 6 | Salt Lake City, Utah. | 14 | 25 | 21 | 16 | s. 53 w. | 5 |
| Knoxville, Tenn. | 26 | 17 | 20 | 13 | n. 38 e. | 11 | Grand Junction, Colo. | 15 | 18 | 23 | 19 | | |
| Memphis, Tenn. | 21 | 18 | 22 | 6 | n. 79 e. | 16 | <i>Northern Plateau.</i> | | | | | | |
| Nashville, Tenn. | 23 | 16 | 15 | 19 | n. 30 w. | 8 | Baker City, Oreg. | 24 | 23 | 9 | 11 | s. 45 w. | 3 |
| Lexington, Ky. † | 6 | 16 | 8 | 5 | s. 17 e. | 10 | Boise, Idaho. | 18 | 16 | 15 | 25 | n. 79 w. | 10 |
| Louisville, Ky. | 25 | 24 | 10 | 13 | n. 72 w. | 3 | Pocatello, Idaho. | 10 | 31 | 6 | 20 | s. 34 w. | 25 |
| Evansville, Ind. † | 12 | 11 | 11 | 2 | s. 84 e. | 9 | Spokane, Wash. | 11 | 27 | 13 | 23 | s. 32 w. | 19 |
| Indianapolis, Ind. | 25 | 18 | 12 | 17 | n. 21 w. | 14 | Walla Walla, Wash. | 12 | 30 | 12 | 13 | s. 3 w. | 18 |
| Cincinnati, Ohio. | 23 | 17 | 21 | 19 | n. 18 e. | 6 | <i>North Pacific Coast Region.</i> | | | | | | |
| Columbus, Ohio. | 21 | 19 | 16 | 17 | n. 27 w. | 2 | Neah Bay, Wash. | 10 | 9 | 17 | 27 | s. 84 w. | 10 |
| Pittsburg, Pa. | 28 | 14 | 11 | 21 | n. 36 w. | 17 | Port Crescent, Wash. * | 1 | 3 | 12 | 15 | s. 56 w. | 4 |
| Parkersburg, W. Va. | 17 | 26 | 9 | 21 | s. 53 w. | 15 | Seattle, Wash. | 19 | 18 | 18 | 20 | s. 45 w. | 3 |
| Elkins, W. Va. | 24 | 12 | 9 | 25 | n. 53 w. | 20 | Tacoma, Wash. | 31 | 15 | 5 | 18 | s. 33 w. | 21 |
| <i>Lower Lake Region.</i> | | | | | o | Hours. | | | | | | s. 66 w. | 20 |
| Buffalo, N. Y. | 16 | 20 | 12 | 22 | s. 68 w. | 11 | Astoria, Oreg. | 16 | 24 | 7 | 25 | s. 85 w. | 21 |
| Oswego, N. Y. | 13 | 25 | 18 | 20 | s. 9 w. | 12 | Portland, Oreg. | 17 | 19 | 10 | 31 | s. 11 e. | 21 |
| Rochester, N. Y. | 14 | 22 | 22 | 11 | s. 63 w. | 18 | <i>Middle Pacific Coast Region.</i> | | | | | | |
| Erie, Pa. | 12 | 27 | 12 | 22 | s. 34 w. | 18 | Fresno, Cal. | 25 | 17 | 7 | 28 | n. 69 w. | 23 |
| Cleveland, Ohio. | 16 | 26 | 21 | 14 | s. 35 e. | 12 | Mount Tamalpais, Cal. | 15 | 10 | 5 | 40 | n. 82 w. | 35 |
| Sandusky, Ohio. | 9 | 25 | 18 | 18 | s. | 16 | Red Bluff, Cal. | 28 | 21 | 15 | 5 | s. 55 e. | 12 |
| Toledo, Ohio. | 15 | 20 | 16 | 21 | s. 45 w. | 7 | Sacramento, Cal. | 21 | 27 | 10 | 19 | s. 56 w. | 11 |
| Detroit, Mich. | 19 | 21 | 17 | 19 | s. 45 w. | 3 | San Francisco, Cal. | 4 | 20 | 1 | 47 | s. 71 w. | 49 |
| <i>Upper Lake Region.</i> | | | | | o | Hours. | | | | | | | |
| Alpena, Mich. | 19 | 23 | 8 | 27 | s. 81 w. | 19 | <i>South Pacific Coast Region.</i> | | | | | | |
| Escanaba, Mich. | 19 | 23 | 9 | 22 | s. 73 w. | 14 | Fresno, Cal. | 42 | 0 | 6 | 36 | n. 35 w. | 52 |
| Grand Haven, Mich. | 17 | 22 | 14 | 24 | s. 63 w. | 11 | Los Angeles, Cal. | 18 | 10 | 10 | 31 | n. 69 w. | 22 |
| Houghton, Mich. † | 8 | 8 | 7 | 15 | w. | 8 | San Diego, Cal. | 29 | 10 | 6 | 30 | n. 51 w. | 31 |
| Marquette, Mich. | 22 | 20 | 10 | 26 | n. 83 w. | 16 | San Luis Obispo, Cal. | 20 | 8 | 6 | 31 | n. 64 w. | 28 |
| Port Huron, Mich. | 19 | 20 | 16 | 16 | s. | 16 | <i>West Indies.</i> | | | | | | |
| Sault Ste. Marie, Mich. | 15 | 19 | 22 | 20 | s. 27 e. | 4 | Basseterre, St. Kitts Island | 11 | 7 | 48 | 1 | n. 85 e. | 47 |
| Chicago, Ill. | 12 | 25 | 17 | 20 | s. 14 w. | 13 | Bridgetown, Barbados | 7 | 15 | 48 | 0 | s. 81 e. | 49 |
| Milwaukee, Wis. | 15 | 20 | 10 | 26 | s. 72 w. | 17 | Cienfuegos, Cuba | 27 | 12 | 38 | 2 | n. 88 e. | 39 |
| Green Bay, Wis. | 13 | 25 | 14 | 23 | s. 37 w. | 15 | Havana, Cuba | 14 | 7 | 47 | 3 | n. 81 e. | 45 |
| Duluth, Minn. | 24 | 15 | 12 | 28 | n. 61 w. | 18 | Kingston, Jamaica | 36 | 6 | 35 | 0 | n. 49 e. | 46 |
| <i>North Dakota.</i> | | | | | o | Hours. | | | | | | n. 83 e. | 50 |
| Moorhead, Minn. | 18 | 21 | 21 | 19 | s. 34 e. | 4 | Port of Spain, Trinidad | 11 | 5 | 50 | 1 | n. 83 e. | 39 |
| Bismarck, N. Dak. | 30 | 12 | 15 | 17 | n. 6 w. | 18 | Puerto Principe, Cuba | 23 | 9 | 33 | 2 | n. 69 e. | 39 |
| Williston, N. Dak. | 28 | 14 | 14 | 14 | n. | 14 | Roseau, Dominica, W. I. | 23 | 9 | 36 | 9 | n. 63 e. | 30 |
| | | | | | | | San Juan, Porto Rico. | 4 | 27 | 38 | 4 | s. 56 e. | 41 |
| | | | | | | | Santiago de Cuba, Cuba. | 24 | 21 | 25 | 5 | n. 81 e. | 20 |
| | | | | | | | Santo Domingo, S. Domingo, W. I. | 43 | 9 | 13 | 5 | n. 13 e. | 34 |
| | | | | | | | Turks Island, W. I. † | 7 | 11 | 21 | 2 | s. 78 e. | 19 |
| | | | | | | | Willemstad, Curaçao. | 3 | 10 | 55 | 0 | s. 52 e. | 55 |

* From observations at 8 p. m. only

† From observations at 8 a. m. only.

TABLE VII.—*Thunderstorms and auroras, September, 1900.*

| States. | No. of stations. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total. | | |
|-----------------------|------------------|----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|--------|-------|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| Alabama..... | 52 | T. | 2 | 1 | | | | 2 | | 1 | 1 | | 1 | | 1 | | 2 | | | | | | | | | | | | | | 11 | 8 | T. | |
| Arizona..... | 56 | T. | 6 | 5 | | | 1 | 3 | 2 | | | | | | 1 | 2 | 2 | | 7 | 5 | 3 | 1 | | | | | | 0 | 0 | A. | | | | |
| Arkansas..... | 57 | T. | 2 | 10 | 2 | | | 2 | 2 | 2 | 2 | 13 | | | 7 | 3 | 2 | 6 | 6 | 2 | 1 | 3 | 1 | 1 | 2 | 3 | 2 | 1 | 1 | 1 | 76 | 23 | T. | |
| California..... | 167 | T. | 2 | 3 | 4 | 3 | 1 | | 4 | | 3 | 4 | 13 | 6 | | | | | | | | | | | | | | | 0 | 0 | A. | | | |
| Colorado..... | 81 | T. | 1 | 7 | 6 | | 2 | 3 | 8 | 12 | 10 | 13 | 5 | 2 | 1 | 1 | 1 | 1 | | 2 | 1 | 5 | 7 | 4 | | | 1 | | 92 | 20 | T. | | | |
| Connecticut..... | 21 | T. | | | 9 | 1 | | | | 2 | | | 4 | 1 | | | 5 | 1 | | | 3 | 1 | 1 | | | | | 28 | 10 | T. | | | | |
| Delaware..... | 5 | T. | | 1 | | | 1 | | | | | | 1 | | | | | | | | | | | | | 3 | 3 | 3 | 3 | 3 | 3 | T. | | |
| Dist. of Columbia | 4 | T. | | 1 | | 1 | | | | | | | | | | | | | | | | 1 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | A. | |
| Florida..... | 47 | A. | 7 | 6 | 5 | 4 | 3 | 4 | 6 | 1 | 1 | 2 | 1 | 6 | 7 | 6 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 84 | 29 | T. | |
| Georgia..... | 55 | T. | 6 | 2 | | 4 | 1 | 1 | 1 | | | | 3 | 4 | 5 | | | | | | | 1 | 1 | | | 0 | 0 | A. | | | | | | |
| Idaho..... | 34 | T. | | 1 | 1 | 3 | | 2 | 1 | .. | 3 | | 3 | | 2 | | | | | | | 1 | | | | 19 | 11 | T. | | | | | | |
| Illinois..... | 92 | T. | 24 | 35 | 3 | | 3 | 2 | 1 | | | 3 | 1 | 1 | 18 | | 10 | 31 | 2 | 5 | 1 | 1 | 3 | 21 | 4 | 7 | 1 | | 177 | 21 | T. | | | |
| Indiana..... | 58 | T. | 8 | 5 | | 5 | | | 1 | | | 1 | | 6 | | | | 1 | 10 | 2 | 5 | | 44 | 10 | T. | | | | | | | | | |
| Indian Territory..... | 11 | T. | | 2 | | | | 1 | 1 | 3 | 1 | | | 1 | 4 | 2 | 4 | | 1 | | | 20 | 10 | T. | | | | | | | | | | |
| Iowa..... | 149 | T. | 7 | 10 | | 1 | 2 | 1 | .. | 3 | 1 | 1 | 1 | 4 | 10 | 7 | 1 | 20 | 11 | 13 | 2 | 1 | 14 | 9 | 4 | 4 | 123 | 24 | T. | | | | | |
| Kansas..... | 77 | T. | 1 | 8 | 1 | 1 | | 1 | 1 | 8 | 2 | 9 | 2 | 18 | 2 | 8 | 6 | 8 | 7 | 3 | 1 | 4 | 9 | 2 | 7 | | 99 | 22 | T. | | | | | |
| Kentucky..... | 41 | T. | 5 | 3 | 4 | | 1 | | | 2 | 2 | | | 2 | 2 | | 1 | | 3 | 3 | | 28 | 10 | T. | | | | | | | | | | |
| Louisiana..... | 46 | T. | 6 | 7 | 7 | 1 | 1 | 3 | | 5 | 1 | 1 | 5 | 2 | 2 | 2 | 2 | 1 | 2 | | 1 | 52 | 19 | T. | | | | | | | | | | |
| Maine..... | 19 | T. | | 1 | | | | | | | | | | 7 | 2 | | 2 | 2 | | 14 | 5 | | 0 | 0 | A. | | | | | | | | | |
| Maryland..... | 48 | T. | 2 | 1 | 2 | | 8 | 1 | | 1 | 4 | 4 | 3 | | 2 | 1 | | 5 | 10 | 2 | 2 | | 48 | 15 | T. | | | | | | | | | |
| Massachusetts..... | 48 | T. | ..... | ..... | 2 | 1 | ..... | ..... | 1 | 1 | 6 | 1 | ..... | 12 | 1 | ..... | 3 | 3 | ..... | 1 | 32 | 11 | T. | | | | | | | | | | | |
| Michigan..... | 106 | T. | 3 | 20 | 8 | 1 | 10 | 4 | | 1 | 9 | 4 | | 4 | 2 | | 2 | 1 | 1 | 1 | 3 | 2 | | 78 | 17 | T. | | | | | | | | |
| Minnesota..... | 67 | T. | 7 | 17 | 4 | 6 | 1 | 5 | 13 | 8 | 4 | 1 | 17 | 5 | 1 | 2 | 1 | 1 | 8 | 6 | 2 | 1 | | 110 | 20 | T. | | | | | | | | |
| Mississippi..... | 41 | T. | 9 | 5 | 3 | 4 | 1 | 3 | 3 | 3 | | 3 | 1 | 1 | 3 | 2 | 1 | 5 | 1 | 2 | 1 | 1 | 52 | 19 | T. | | | | | | | | | |
| Missouri..... | 95 | T. | 18 | 24 | 7 | 3 | | 2 | 1 | | 2 | 5 | 14 | 1 | 9 | 16 | 9 | 4 | 23 | 23 | 1 | 9 | 5 | 7 | 6 | 21 | 12 | 17 | 4 | 243 | 25 | T. | | |
| Montana..... | 40 | T. | 1 | | 2 | 2 | | 3 | | 3 | 3 | | | 1 | 1 | | 1 | 1 | | 1 | 16 | 8 | | 0 | 0 | A. | | | | | | | | |
| Nebraska..... | 142 | T. | 1 | | 8 | 2 | 1 | 1 | 2 | 7 | 2 | 4 | 20 | 1 | 3 | 2 | 12 | | 2 | 15 | 3 | 3 | 5 | 2 | 3 | 5 | 1 | 1 | 106 | 6 | T. | | | |
| Nevada..... | 40 | T. | 1 | 2 | 1 | 1 | ..... | ..... | 1 | ..... | ..... | 1 | ..... | 1 | 1 | ..... | 2 | 1 | 1 | ..... | 12 | 10 | T. | | | | | | | | | | | |
| New Hampshire..... | 19 | T. | ..... | 1 | 1 | 4 | ..... | 3 | ..... | ..... | 1 | ..... | 1 | 5 | 1 | ..... | 6 | 8 | 1 | ..... | 31 | 12 | T. | | | | | | | | | | | |
| New Jersey..... | 51 | T. | 1 | 5 | 7 | 8 | ..... | 3 | ..... | ..... | 5 | ..... | 1 | ..... | 1 | 14 | 1 | ..... | 45 | 9 | T. | | | | | | | | | | | | | |
| New Mexico..... | 31 | T. | 1 | 2 | ..... | 1 | 2 | 2 | 2 | 2 | 1 | 3 | ..... | 1 | 1 | 2 | 1 | 1 | ..... | 1 | 23 | 15 | T. | | | | | | | | | | | |
| New York..... | 99 | T. | 90 | 3 | 1 | 32 | 3 | | | 2 | | 22 | 2 | 1 | 12 | | 2 | 4 | 13 | 1 | 1 | 1 | 1 | 1 | 1 | 126 | 13 | T. | | | | | | |
| North Carolina..... | 56 | T. | 1 | 5 | ..... | ..... | ..... | 6 | 3 | 8 | 3 | ..... | 2 | 1 | 4 | 4 | 4 | 4 | 1 | ..... | 38 | 11 | T. | | | | | | | | | | | |
| North Dakota..... | 48 | T. | 1 | 1 | 1 | 2 | 1 | 6 | 1 | 2 | 1 | ..... | 7 | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 33 | 17 | T. | | | | | | | | | | | |
| Ohio..... | 128 | T. | 2 | 14 | 1 | 18 | 3 | | | 1 | | 1 | 2 | | 1 | 2 | 7 | 2 | 1 | 6 | 1 | 8 | 65 | 11 | T. | | | | | | | | | |
| Oklahoma..... | 23 | T. | 1 | 1 | 5 | ..... | 1 | 1 | 1 | 5 | 4 | ..... | ..... | 3 | 6 | ..... | 2 | 7 | 2 | 39 | 13 | T. | | | | | | | | | | | | |
| Oregon..... | 74 | T. | 1 | 3 | 6 | 4 | 2 | ..... | 3 | 1 | 1 | 2 | 1 | ..... | 1 | ..... | ..... | 0 | 0 | 24 | 10 | T. | | | | | | | | | | | | |
| Pennsylvania..... | 91 | T. | 12 | 7 | 3 | 1 | 1 | 1 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 7 | ..... | 32 | 7 | T. | | | | | | | | | | | | | |
| Rhode Island..... | 7 | T. | ..... | 1 | ..... | ..... | ..... | ..... | ..... | 1 | 2 | ..... | 1 | ..... | 1 | ..... | 5 | 4 | 1 | 0 | 0 | A. | | | | | | | | | | | | |
| South Carolina..... | 46 | T. | 8 | 4 | 1 | 1 | ..... | ..... | ..... | 8 | 4 | 9 | 1 | ..... | ..... | 2 | 1 | 7 | 1 | 45 | 10 | T. | | | | | | | | | | | | |
| South Dakota..... | 56 | T. | 4 | 2 | 2 | ..... | 5 | 4 | 2 | 6 | 1 | 3 | 1 | 8 | ..... | 1 | 1 | 1 | 2 | 7 | 52 | 17 | T. | | | | | | | | | | | |
| Tennessee..... | 56 | T. | 8 | 1 | 1 | 1 | ..... | ..... | 4 | 3 | 1 | 1 | 1 | 1 | 5 | 4 | 1 | 1 | 1 | 33 | 14 | T. | | | | | | | | | | | | |
| Texas..... | 95 | T. | 6 | 2 | 1 | 3 | 5 | 2 | 1 | 3 | 1 | | 1 | 1 | 5 | 8 | 3 | 8 | 1 | 1 | 1 | 53 | 22 | T. | | | | | | | | | | |
| Utah..... | 47 | T. | 8 | 7 | ..... | 2 | 2 | 6 | 1 | ..... | ..... | ..... | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 0 | 0 | A. | | | | | | | | | | | |
| Vermont..... | 16 | T. | 6 | ..... | 7 | ..... | 1 | 1 | ..... | ..... | 1 | 1 | 1 | 8 | ..... | 1 | 1 | 6 | ..... | 33 | 10 | T. | | | | | | | | | | | | |
| Virginia..... | 50 | T. | 3 | 5 | ..... | 1 | ..... | ..... | 3 | 3 | 5 | 1 | ..... | ..... | 1 | 4 | 9 | 1 | 1 | 36 | 11 | T. | | | | | | | | | | | | |
| Washington..... | 64 | T. | ..... | 1 | 9 | 3 | ..... | ..... | 2 | ..... | ..... | 2 | 1 | 1 | ..... | 9 | 1 | ..... | 1 | 24 | 6 | T. | | | | | | | | | | | | |
| West Virginia..... | 43 | T. | 2 | ..... | 2 | 2 | ..... | ..... | 2 | ..... | ..... | 2 | 1 | 1 | ..... | 5 | 9 | 2 | 4 | 0 | 32 | 11 | T. | | | | | | | | | | | |
| Wisconsin..... | 60 | T. | 7 | 9 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 3 | ..... | 4 | 9 | 3 | 3 | 1 | 52 | 18 | T. | | | | | | | | | | | |
| Wyoming..... | 31 | T. | 2 | 3 | 2 | ..... | 1 | 4 | 1 | 3 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 30 | 18 | T. | | | | | | | | | | | |
| Sums | 2,898 | T. | 152 | 193 | 142 | 92 | 46 | 121 | 89 | 50 | 57 | 70 | 59 | 98 | 72 | 124 | 83 | 101 | 42 | 90 | 103 | 52 | 84 | 105 | 49 | 46 | 10 | 137 | 126 | 62 | 38 | 21 | 2,563 | T. |
| | | A. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | | A. |

TABLE VIII.—Average hourly sunshine (in percentages), September, 1900.

| Stations. | Instrument. | Percentages for each hour of local mean time ending with the respective hour. | | | | | | | | | | | | | | | | Hours of unshine. | | | |
|-----------------------|-------------|---|----|----|----|----|----|----|------|-------|----|----|----|----|-------|-------|-------|-------------------|--------|-----------|----------------------|
| | | A. M. | | | | | | | | P. M. | | | | | | | | Actual. | | Total. | |
| | | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Noon | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Hours. | Hours. | Possible. | Percent of possible. | Personal esti- mate. |
| Albany, N. Y. | T. | 14 | 18 | 46 | 64 | 76 | 80 | 83 | 81 | 79 | 72 | 65 | 50 | 35 | 30 | 27 | 27.2 | 375.0 | 61 | 46 | |
| Atlanta, Ga. | T. | 46 | 64 | 73 | 67 | 79 | 80 | 85 | 86 | 88 | 78 | 73 | 57 | 55 | 30 | 27.1 | 371.8 | 74 | 56 | | |
| Atlantic City, N. J. | T. | 41 | 39 | 53 | 72 | 88 | 84 | 86 | 88 | 90 | 78 | 67 | 52 | 65 | 230.6 | 373.4 | 62 | 49 | | | |
| Baltimore, Md. | T. | 41 | 37 | 58 | 68 | 72 | 74 | 79 | 80 | 70 | 62 | 45 | 38 | 45 | 34 | 171.7 | 374.5 | 46 | 41 | | |
| Binghamton, N. Y. | T. | 16 | 15 | 20 | 36 | 55 | 59 | 60 | 61 | 63 | 58 | 44 | 47 | 45 | 38 | 36 | 173.0 | 376.9 | 46 | 40 | |
| Bismarck, N. Dak. | T. | 34 | 38 | 46 | 48 | 49 | 51 | 52 | 40 | 50 | 51 | 47 | 45 | 38 | 36 | 282.1 | 375.4 | 75 | 65 | | |
| Boise, Idaho. | T. | 61 | 59 | 66 | 77 | 79 | 86 | 79 | 84 | 80 | 82 | 78 | 77 | 61 | 58 | 225.1 | 374.5 | 60 | 52 | | |
| Boston, Mass. | T. | 43 | 50 | 57 | 65 | 65 | 67 | 66 | 68 | 67 | 61 | 57 | 56 | 46 | 61 | 239.1 | 375.0 | 64 | 55 | | |
| Buffalo, N. Y. | T. | 39 | 31 | 49 | 67 | 77 | 82 | 80 | 86 | 80 | 72 | 63 | 51 | 37 | 52 | 313.8 | 373.0 | 84 | 73 | | |
| Cedar City, Utah. | T. | 76 | 77 | 75 | 84 | 90 | 95 | 93 | 92 | 96 | 84 | 77 | 66 | 68 | 63 | 237.7 | 371.4 | 61 | 51 | | |
| Charleston, S. C. | T. | 46 | 50 | 59 | 66 | 63 | 64 | 71 | 63 | 68 | 70 | 66 | 54 | 47 | 44 | 259.2 | 372.0 | 70 | 61 | | |
| Chattanooga, Tenn. | T. | 55 | 57 | 61 | 73 | 82 | 78 | 82 | 77 | 81 | 71 | 69 | 62 | 46 | 47 | 215.0 | 374.5 | 57 | 52 | | |
| Cheyenne, Wyo. | T. | 77 | 78 | 83 | 81 | 78 | 77 | 76 | 80 | 77 | 70 | 71 | 62 | 50 | 47 | 234.8 | 373.4 | 76 | 62 | | |
| Chicago, Ill. | T. | 57 | 50 | 48 | 61 | 64 | 70 | 67 | 68 | 67 | 57 | 50 | 47 | 44 | 42 | 203.1 | 374.5 | 54 | 45 | | |
| Cincinnati, Ohio. | T. | 58 | 47 | 55 | 76 | 82 | 88 | 93 | 94 | 95 | 87 | 81 | 75 | 55 | 44 | 239.1 | 374.5 | 64 | 52 | | |
| Cleveland, Ohio. | T. | 48 | 40 | 42 | 56 | 68 | 69 | 73 | 77 | 80 | 82 | 82 | 75 | 70 | 75 | 236.1 | 373.4 | 74 | 54 | | |
| Columbia, Mo. | T. | 72 | 61 | 69 | 71 | 73 | 74 | 77 | 80 | 82 | 82 | 83 | 75 | 70 | 73 | 235.2 | 373.6 | 63 | 53 | | |
| Columbus, Ohio. | T. | 55 | 50 | 50 | 56 | 70 | 78 | 81 | 81 | 74 | 65 | 58 | 48 | 47 | 57 | 275.6 | 373.6 | 74 | 59 | | |
| Denver, Colo. | T. | 72 | 71 | 79 | 81 | 82 | 88 | 86 | 90 | 81 | 69 | 60 | 59 | 47 | 50 | 203.2 | 373.6 | 60 | 50 | | |
| Des Moines, Iowa. | T. | 44 | 47 | 43 | 46 | 52 | 59 | 61 | 59 | 66 | 69 | 67 | 52 | 36 | 41 | 215.2 | 374.5 | 57 | 54 | | |
| Detroit, Mich. | T. | 34 | 36 | 49 | 61 | 68 | 72 | 69 | 74 | 64 | 68 | 60 | 40 | 28 | 34 | 248.0 | 373.0 | 68 | 54 | | |
| Dodge, Kans. | T. | 42 | 52 | 66 | 66 | 71 | 73 | 70 | 70 | 74 | 70 | 70 | 69 | 53 | 42 | 224.5 | 374.5 | 60 | 55 | | |
| Dubuque, Iowa. | T. | 49 | 49 | 56 | 61 | 63 | 67 | 73 | 74 | 76 | 70 | 61 | 48 | 32 | 19 | 209.1 | 375.8 | 56 | 44 | | |
| Eastport, Me. | T. | 32 | 34 | 53 | 54 | 55 | 58 | 59 | 66 | 71 | 65 | 66 | 59 | 40 | 37 | 218.6 | 373.0 | 58 | 52 | | |
| Elkins, W. Va. | T. | 0 | 0 | 10 | 44 | 60 | 66 | 70 | 72 | 69 | 69 | 67 | 37 | 7 | 15 | 171.8 | 373.4 | 46 | 46 | | |
| Erie, Pa. | T. | 14 | 14 | 30 | 52 | 66 | 64 | 65 | 71 | 66 | 63 | 57 | 50 | 34 | 44 | 193.3 | 374.5 | 52 | 54 | | |
| Escanaba, Mich. | T. | 26 | 33 | 42 | 47 | 52 | 54 | 50 | 49 | 50 | 45 | 28 | 23 | 21 | 17 | 152.1 | 376.1 | 40 | 40 | | |
| Eureka, Cal. | T. | 20 | 25 | 31 | 48 | 54 | 59 | 59 | 78 | 74 | 71 | 74 | 65 | 54 | 50 | 214.3 | 374.0 | 57 | 57 | | |
| Fresno, Cal. | T. | 75 | 77 | 88 | 95 | 96 | 99 | 98 | 97 | 100 | 97 | 92 | 85 | 74 | 87 | 338.6 | 372.6 | 91 | 84 | | |
| Galveston, Tex.* | T. | 70 | 64 | 69 | 74 | 73 | 77 | 66 | 62 | 65 | 69 | 63 | 66 | 66 | 69 | 253.5 | 373.4 | 68 | 55 | | |
| Grand Junction, Colo. | T. | 40 | 37 | 40 | 60 | 69 | 69 | 76 | 78 | 74 | 62 | 61 | 50 | 45 | 54 | 232.3 | 373.6 | 60 | 50 | | |
| Harrisburg, Pa. | T. | 55 | 54 | 53 | 58 | 58 | 54 | 60 | 64 | 66 | 67 | 57 | 54 | 48 | 39 | 219.9 | 376.9 | 58 | 55 | | |
| Helena, Mont. | T. | 40 | 47 | 47 | 52 | 65 | 71 | 75 | 76 | 70 | 68 | 58 | 63 | 64 | 50 | 232.9 | 375.4 | 62 | 55 | | |
| Huron, S. Dak. | T. | 63 | 55 | 52 | 64 | 67 | 70 | 73 | 74 | 64 | 62 | 50 | 41 | 37 | 50 | 230.8 | 373.6 | 59 | 47 | | |
| Indianapolis, Ind. | T. | 33 | 37 | 44 | 59 | 70 | 70 | 69 | 65 | 64 | 54 | 49 | 30 | 20 | 191.8 | 370.8 | 52 | 49 | | | |
| Jacksonville, Fla. | T. | 31 | 57 | 71 | 76 | 71 | 77 | 79 | 79 | 71 | 68 | 60 | 36 | 24 | 23 | 229.6 | 369.4 | 62 | 47 | | |
| Jupiter, Fla. | T. | 39 | 38 | 39 | 43 | 46 | 54 | 52 | 48 | 49 | 46 | 40 | 33 | 25 | 25 | 159.8 | 377.5 | 42 | 40 | | |
| Kalispell, Mont. | T. | 50 | 42 | 47 | 56 | 50 | 55 | 51 | 50 | 49 | 49 | 54 | 58 | 61 | 60 | 200.4 | 373.4 | 54 | 46 | | |
| Kansas City, Mo. | T. | 61 | 50 | 60 | 68 | 83 | 86 | 89 | 87 | 83 | 78 | 73 | 70 | 55 | 53 | 272.2 | 372.2 | 73 | 69 | | |
| Knoxville, Tenn. | T. | 66 | 59 | 67 | 73 | 83 | 86 | 91 | 90 | 90 | 89 | 85 | 71 | 55 | 53 | 292.1 | 373.0 | 78 | 55 | | |
| Lexington, Ky. | T. | 52 | 52 | 65 | 66 | 73 | 85 | 85 | 85 | 85 | 81 | 83 | 78 | 68 | 58 | 272.2 | 372.0 | 73 | 55 | | |
| Little Rock, Ark. | T. | 52 | 59 | 67 | 70 | 76 | 83 | 81 | 82 | 82 | 76 | 98 | 91 | 82 | 81 | 296.9 | 371.8 | 80 | 76 | | |
| Los Angeles, Cal. | T. | 45 | 37 | 39 | 57 | 68 | 71 | 69 | 76 | 73 | 77 | 61 | 40 | 30 | 42 | 216.5 | 373.0 | 58 | 58 | | |
| Louisville, Ky. | T. | 54 | 66 | 76 | 87 | 93 | 97 | 95 | 92 | 93 | 92 | 88 | 84 | 72 | 47 | 315.9 | 371.4 | 85 | 71 | | |
| Macon, Ga. | T. | 71 | 73 | 74 | 79 | 80 | 82 | 80 | 81 | 83 | 73 | 76 | 64 | 65 | 48 | 290.3 | 371.4 | 75 | 67 | | |
| Meridian, Miss. | T. | 59 | 69 | 69 | 79 | 75 | 72 | 66 | 76 | 79 | 76 | 77 | 71 | 60 | 60 | 270.5 | 373.0 | 73 | 67 | | |
| Mount Tamalpais, Cal. | T. | 60 | 58 | 74 | 87 | 91 | 95 | 95 | 92 | 90 | 84 | 84 | 79 | 65 | 65 | 303.8 | 372.2 | 82 | 60 | | |
| Nashville, Tenn. | T. | 46 | 43 | 68 | 74 | 85 | 91 | 94 | 96 | 93 | 84 | 84 | 74 | 60 | 43 | 278.9 | 374.0 | 75 | 62 | | |
| New Haven, Conn. | T. | 86 | 85 | 85 | 84 | 88 | 85 | 89 | 94 | 90 | 85 | 85 | 78 | 68 | 59 | 305.6 | 370.8 | 82 | 73 | | |
| New Orleans, La. | T. | 35 | 36 | 50 | 69 | 74 | 85 | 83 | 84 | 87 | 78 | 71 | 66 | 59 | 50 | 248.3 | 374.0 | 66 | 51 | | |
| New York, N. Y. | T. | 34 | 43 | 47 | 78 | 87 | 90 | 94 | 92 | 91 | 89 | 87 | 87 | 81 | 73 | 276.3 | 372.6 | 74 | 68 | | |
| Norfolk, Va. | T. | 48 | 37 | 46 | 60 | 61 | 59 | 58 | 53 | 52 | 51 | 56 | 50 | 43 | 24 | 184.1 | 375.4 | 49 | 38 | | |
| Northfield, Vt. | T. | 40 | 34 | 41 | 54 | 56 | 68 | 68 | 70 | 77 | 72 | 74 | 65 | 58 | 41 | 272.2 | 372.2 | 73 | 62 | | |
| Oklahoma, Okla. | T. | 47 | 57 | 66 | 69 | 73 | 84 | 83 | 85 | 87 | 85 | 85 | 83 | 81 | 71 | 261.6 | 374.0 | 56 | 55 | | |
| Omaha, Nebr. | T. | 26 | 17 | 32 | 56 | 67 | 74 | 74 | 80 | 79 | 79 | 72 | 68 | 65 | 53 | 224.6 | 373.4 | 87 | 72 | | |
| Parkersburg, W. Va. | T. | 74 | 78 | 87 | 90 | 94 | 92 | 91 | 98 | 93 | 90 | 90 | 85 | 77 | 72 | 324.6 | 371.4 | 87 | 72 | | |
| Phoenix, Ariz. | T. | 41 | 34 | 36 | 57 | 65 | 71 | 71 | 70 | 67 | 66 | 66 | 56 | 51 | 48 | 231.7 | 373.6 | 58 | 54 | | |
| Philadelphia, Pa. | T. | 87 | 27 | 27 | 83 | 84 | 85 | 84 | 85 | 87 | 81 | 81 | 72 | 67 | 64 | 272.1 | 375.0 | 70 | 62 | | |
| Pittsburg, Pa. | T. | 52 | 50 | 64 | 72 | 80 | 81 | 86 | 86 | 81 | 73 | 76 | 77 | 71 | 60 | 261.6 | 375.4 | 55 | 55 | | |
| Pocatello, Idaho. | T. | 15 | 31 | 56 | 67 | 82 | 89 | 80 | 87 | 84 | 73 | 73 | 65 | 58 | 41 | 218.5 | 376.1 | 49 | 49 | | |
| Portland, Me. | T. | 34 | 31 | 34 | 35 | 48 | 67 | 67 | 71 | 73 | 73 | 73 | 65 | 58 | 41 | 232.7 | 373.0 | 84 | 63 | | |
| Portland, Oreg. | T. | 67 | 70 | 84 | 86 | 90 | 91 | 91 | 92 | 92 | 93 | 92 | 89 | 80 | 59 | 312.7 | 373.0 | 85 | 73 | | |
| Pueblo, Colo. | T. | 63 | 61 | 74 | 87 | 95 | 92 | 92 | 94 | 94 | 92 | 92 | 85 | 70 | 67 | 316.5 | 372.2 | 85 | 73 | | |
| Raleigh, N. C. | T. | 88 | 82 | 84 | 94 | 87 | 87 | 84 | 73 | 76 | 77 | 73 | 76 | 58 | 42 | 210.7 | 375.0 | 56 | 50 | | |
| Rochester, N. Y. | T. | 47 | 40 | 49 | 68 | 80 | 81 | 77 | 84 | 71 | 70 | 65 | 61 | 56 | 44 | 241.8 | 374.4 | 65 | 55 | | |
| St. Louis, Mo. | | | | | | | | | | | | | | | | | | | | | |

TABLE IX.—Accumulated amounts of precipitation for each 5 minutes, for storms in which the rate of fall equaled or exceeded 0.25 in any 5 minutes, or 0.75 in 1 hour during September, 1900, at all stations furnished with self-registering gauges.

| Stations. | Date. | Total duration. | | Total am ⁿ of precip. | Excessive rate. | | Amount before excessive began. | Depths of precipitation (in inches) during periods of time indicated. | | | | | | | | | | | | | |
|-----------------------|-------|-----------------|------------|----------------------------------|-----------------|------------|--------------------------------|---|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|
| | | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. |
| Albany, N. Y. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | | | | | | | | | | |
| Alpena, Mich. | 2 | | | 0.65 | | | | | | | | | | | | | | | | 0.40 | |
| Atlanta, Ga. | 14-15 | | | 3.51 | | | | | | | | | | | | | | | | 0.53 | |
| Atlantic City, N. J. | 15-16 | | | 0.98 | | | | | | | | | | | | | | | | 0.27 | |
| Baltimore, Md. | 15-16 | 1.20 p.m. | D. N. | 3.61 | 10.45 p.m. | 11.30 p.m. | 1.87 | 0.18 | 0.60 | 0.86 | 1.02 | 1.18 | 1.32 | 1.46 | 1.49 | 1.55 | 1.58 | 1.61 | | | |
| Binghamton, N. Y. | 6 | 3.11 p.m. | 8.50 p.m. | 1.47 | 5.55 p.m. | 6.30 p.m. | 0.53 | 0.12 | 0.22 | 0.40 | 0.56 | 0.63 | 0.66 | 0.75 | 0.87 | | | | | 0.50 | |
| Bismarck, N. Dak. | 14 | | | 0.72 | | | | | | | | | | | | | | | | 0.39 | |
| Boise, Idaho | 5 | | | 0.89 | | | | | | | | | | | | | | | | 0.31 | |
| Boston, Mass. | 17-18 | | | 2.40 | | | | | | | | | | | | | | | | 0.60 | |
| Buffalo, N. Y. | 20 | | | 0.68 | | | | | | | | | | | | | | | | 0.39 | |
| Cairo, Ill. | 19-20 | | | 1.30 | | | | | | | | | | | | | | | | 0.61 | |
| Cedar City, Utah. | 24 | | | 0.54 | | | | | | | | | | | | | | | | * | |
| Charleston, S. C. | 13 | | | 0.66 | | | | | | | | | | | | | | | | 0.60 | |
| Chicago, Ill. | 15 | | | 0.29 | | | | | | | | | | | | | | | | 0.28 | |
| Cincinnati, Ohio | 20 | | | 0.19 | | | | | | | | | | | | | | | | 0.10 | |
| Cleveland, Ohio | 3 | 1.46 p.m. | 2.30 p.m. | 0.62 | 2.00 p.m. | 2.20 p.m. | 0.02 | 0.09 | 0.18 | 0.33 | 0.56 | 0.57 | | | | | | | | 0.84 | |
| Columbia, Mo. | 2 | | | 0.66 | | | | | | | | | | | | | | | | 0.35 | |
| Columbus, Ohio | 29 | | | 0.56 | | | | | | | | | | | | | | | | 0.20 | |
| Denver, Colo. | 25-26 | | | 0.58 | | | | | | | | | | | | | | | | 0.34 | |
| Des Moines, Iowa | 24 | | | 1.08 | | | | | | | | | | | | | | | | 0.38 | |
| Detroit, Mich. | 29 | | | 1.12 | | | | | | | | | | | | | | | | * | |
| Dodge, Kans. | 12 | 3.45 a.m. | 4.30 a.m. | 0.69 | 3.45 a.m. | 4.20 a.m. | 0.00 | 0.05 | 0.15 | 0.32 | 0.45 | 0.52 | 0.61 | 0.67 | | | | | | | |
| Duluth, Minn. | 5 | 2.40 a.m. | 3.45 a.m. | 0.79 | 3.47 a.m. | 4.15 a.m. | 0.08 | 0.10 | 0.22 | 0.32 | 0.41 | 0.60 | 0.69 | | | | | | | 0.10 | |
| Eastport, Me. | 16 | | | 0.58 | | | | | | | | | | | | | | | | * | |
| Elkins, W. Va. | 27 | 3.50 p.m. | 5.45 p.m. | 0.62 | 4.45 p.m. | 5.20 p.m. | 0.03 | 0.18 | 0.32 | 0.40 | 0.44 | 0.48 | 0.52 | 0.58 | | | | | | | |
| Erie, Pa. | 27 | | | 0.45 | | | | | | | | | | | | | | | | 0.39 | |
| Escanaba, Mich. | 11 | 1.40 p.m. | 10.30 p.m. | 1.59 | 1.45 p.m. | 2.05 p.m. | T. | 0.15 | 0.31 | 0.49 | 0.56 | 0.58 | 0.58 | 0.59 | 0.63 | 0.77 | 0.85 | 0.90 | | | |
| Evansville, Ind. | 2 | 6.00 p.m. | 9.10 p.m. | 2.38 | 6.00 p.m. | 7.00 p.m. | 0.00 | 0.08 | 0.17 | 0.26 | 0.43 | 0.69 | 1.01 | 1.29 | 1.50 | 1.65 | 1.86 | 2.20 | | | |
| Fort Worth, Tex. | 21 | 2.40 a.m. | 11.55 a.m. | 6.30 | 4.35 a.m. | 5.25 a.m. | 0.23 | 0.18 | 0.26 | 0.29 | 0.30 | 0.31 | 0.32 | 0.43 | 0.53 | 0.61 | 0.82 | 0.90 | | | |
| Fresno, Cal. | 3 | | | 0.11 | | | | | | | | | | | | | | | | 0.04 | |
| Galveston, Tex. | 4 | 3.46 a.m. | 5.42 a.m. | 0.70 | 5.14 a.m. | 5.25 a.m. | 0.15 | 0.37 | 0.51 | 0.53 | 0.54 | | | | | | | | | * | |
| Grand Junction, Colo. | 24 | | | 0.43 | | | | | | | | | | | | | | | | | |
| Harrisburg, Pa. | 3 | 7.40 p.m. | 9.10 p.m. | 0.80 | 8.15 p.m. | 8.50 p.m. | 0.02 | 0.18 | 0.39 | 0.47 | 0.51 | 0.63 | 0.70 | 0.77 | 0.78 | | | | | | |
| Hatteras, N. C. | 23 | | | 0.32 | | | | | | | | | | | | | | | | | |
| Huron, S. Dak. | 7-8 | 6.25 p.m. | 2.10 a.m. | 1.54 | 10.00 p.m. | 10.55 p.m. | 0.23 | 0.18 | 0.26 | 0.29 | 0.30 | 0.31 | 0.32 | 0.43 | 0.53 | 0.61 | 0.82 | 0.90 | | | |
| Indianapolis, Ind. | 27 | | | 0.47 | | | | | | | | | | | | | | | | | |
| Jacksonville, Fla. | 4 | | | 1.10 | | | | | | | | | | | | | | | | 0.61 | |
| Jupiter, Fla. | 5-6 | 11.15 a.m. | 10.00 a.m. | 4.35 | 1.35 a.m. | 2.25 a.m. | 2.09 | 0.05 | 0.17 | 0.29 | 0.45 | 0.53 | 0.61 | 0.68 | 0.76 | 0.84 | 0.90 | 1.00 | | | |
| Kalispell, Mont. | 7-8 | | | 0.56 | | | | | | | | | | | | | | | | 0.35 | |
| Kansas City, Mo. | 27 | 5.00 a.m. | 9.40 p.m. | 3.01 | 5.15 a.m. | 6.40 a.m. | 0.08 | 0.05 | 0.14 | 0.22 | 0.37 | 0.49 | 0.60 | 0.68 | 0.82 | 0.88 | | | | | |
| Key West, Fla. | 10-11 | 8.20 p.m. | 7.55 p.m. | 3.73 | 4.45 a.m. | 5.15 a.m. | 0.45 | 0.11 | 0.39 | 0.59 | 0.71 | 0.78 | 0.84 | | | | | | | | |
| Do. | 16 | 2.04 p.m. | 3.05 p.m. | 0.90 | 2.10 p.m. | 3.45 p.m. | 0.67 | 0.67 | 4.17 p.m. | 4.25 p.m. | T. | 0.05 | 0.21 | 0.49 | 0.52 | 0.62 | 0.75 | 0.84 | 0.88 | | |
| Knoxville, Tenn. | 21 | 3.50 p.m. | 5.45 p.m. | 0.67 | 4.17 p.m. | 5.05 p.m. | 0.70 | 0.70 | 5.00 p.m. | 5.15 p.m. | T. | 0.21 | 0.40 | 0.48 | 0.52 | 0.58 | 0.54 | 0.66 | 0.69 | 0.70 | |
| Lexington, Ky. | 27 | 4.55 p.m. | 6.00 p.m. | 1.58 | 5.00 p.m. | 6.00 p.m. | | | | | | | | | | | | | | | |
| Lincoln, Nebr. | 10-11 | | | 1.26 | | | | | | | | | | | | | | | | 0.65 | |
| Little Rock, Ark. | 20 | | | T. | | | | | | | | | | | | | | | | | |
| Los Angeles, Cal. | 2 | | | 0.66 | | | | | | | | | | | | | | | | 0.29 | |
| Louisville, Ky. | 29 | | | 0.58 | | | | | | | | | | | | | | | | 0.30 | |
| Macon, Ga. | 15 | | | 1.70 | | | | | | | | | | | | | | | | 0.68 | |
| Memphis, Tenn. | 19-20 | | | 2.41 | | | | | | | | | | | | | | | | 0.34 | |
| Meridian, Miss. | 13-14 | | | 0.67 | | | | | | | | | | | | | | | | 0.56 | |
| Milwaukee, Wis. | 2 | 7.20 p.m. | 9.45 p.m. | 2.04 | 8.25 p.m. | 9.20 p.m. | 0.13 | 0.09 | 0.16 | 0.42 | 0.77 | 0.97 | 1.17 | 1.52 | 1.67 | 1.76 | 1.82 | 1.90 | | | |
| Montgomery, Ala. | 14 | 3.10 a.m. | 7.30 p.m. | 3.43 | 4.25 p.m. | 5.15 p.m. | 2.35 | 0.05 | 0.16 | 0.28 | 0.49 | 0.57 | 0.64 | 0.73 | 0.82 | 0.88 | 0.92 | 0.95 | | | |
| Nantucket, Mass. | 16 | | | 0.43 | | | | | | | | | | | | | | | | 0.70 | |
| Nashville, Tenn. | 1 | 6.46 p.m. | 11.00 p.m. | 2.88 | 6.46 p.m. | 8.20 p.m. | 0.00 | 0.08 | 0.33 | 0.66 | 0.93 | 1.20 | 1.38 | 1.58 | 1.70 | 1.74 | 1.77 | 1.81 | 2.18 | 2.61 | |
| New Haven, Conn. | 16 | | | 0.43 | | | | | | | | | | | | | | | | 0.48 | |
| New Orleans, La. | 7-8 | | | 1.80 | | | | | | | | | | | | | | | | 0.64 | |
| New York, N. Y. | 15-16 | | | 1.66 | | | | | | | | | | | | | | | | 0.28 | |
| Norfolk, Va. | 16 | | | 0.69 | | | | | | | | | | | | | | | | 0.33 | |
| Northfield, Vt. | 27 | | | 0.57 | | | | | | | | | | | | | | | | 0.56 | |
| Oklahoma, Okla. | 3 | | | 0.75 | | | | | | | | | | | | | | | | 0.61 | |
| Omaha, Nebr. | 22 | | | 1.02 | | | | | | | | | | | | | | | | 0.14 | |
| Parkersburg, W. Va. | 15 | | | 0.40 | | | | | | | | | | | | | | | | | |
| Philadelphia, Pa. | 15-16 | 4.10 p.m. | 4.30 a.m. | 3.87 | 2.05 a.m. | 2.55 a.m. | 1.09 | 0.07 | 0.14 | 0.20 | 0.32 | 0.48 | 0.69 | 0.78 | 0.91 | 1.08 | 1.15 | | | | |
| Do. | 30 | D. N. | 7.10 p.m. | 2.39 | 11.00 a.m. | 11.55 a.m. | 0.29 | 0.03 | 0.10 | 0.19 | 0.31 | 0.42 | 0.50 | 0.61 | 0.72 | 0.78 | 0.87 | 0.98 | 1.04 | 1.13 | 1.24 |
| Pittsburg, Pa. | 29 | | | 0.26 | | | | | | | | | | | | | | | | 0.21 | |
| Pocatello, Idaho | 17 | | | 0.04 | | | | | | | | | | | | | | | | 0.04 | |
| Portland, Me. | 22 | | | 0.34 | | | | | | | | | | | | | | | | | |
| Portland, Oreg. | 19 | | | 0.67 | | | | | | | | | | | | | | | | 0.26 | |
| Pueblo, Colo. | 27 | | | 0.08 | | | | | | | | | | | | | | | | 0.06 | |
| Raleigh, N. C. | 15-16 | 10.00 p.m. | D. N. | 1.68 | 10.25 p.m. | 11.10 p.m. | 0.04 | 0.10 | 0.17 | 0.22 | 0.26 | 0.38 | 0.50 | 0.62 | 0.66 | 0.72 | 0.73 | 0.81 | 0.91 | | |
| Richmond, Va. | 15-16 | 10.57 p.m. | D. N. | 1.70 | 11.20 p.m. | 11.35 p.m. | T. | 0.23 | 0.43 | 0.53 | 0.54 | 0.60 | 0.62 | | | | | | | | |
| Rochester, N. Y. | 20 | | | 0.65 | | | | | | | | | | | | | | | | 0.18 | |
| St. Louis, Mo. | 28-29 | 5.05 p.m. | 3.05 a.m. | 0.95 | 7.08 p.m. | 7.25 p.m. | 0.20 | 0.05 | 0.19 | 0.44 | 0.51 | 0.54 | 0.57 | 0.59 | 0.61 | | | | | | |
| St. Paul, Minn. | 10-11 | 11.20 p.m. | 2.35 a.m. | 4.17 | 12.35 a.m. | 2.30 a.m. | 0.20 | 0.05 | 0.15 | 0.21 | 0.30 | 0.42 | 0.53 | 0.58 | 0.64 | 0.70 | | | | | |

TABLE IX.—Accumulated amounts of precipitation for each 5 minutes, etc.—Continued.

| Stations. | Date. | Total duration. | | Total amount of precipitation. | Excessive rate. | | Amount before excessive began. | Depths of precipitation (in inches) during periods of time as indicated. | | | | | | | | | | | | | | |
|-------------------------|-------|-----------------|------------|--------------------------------|-----------------|--------------|--------------------------------|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|--|
| | | From— | To— | | Began— | Ended— | | 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min. | |
| Basseterre, St. Kitts.. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | | | | | | | | | | | |
| Bridgetown, Barbados | 27 | 12.20 p.m. | 2.40 p.m. | 1.96 | 12.50 p.m.. | 1.40 p.m.. | 0.16 | 0.17 | 0.30 | 0.55 | 0.72 | 0.90 | 1.03 | 1.18 | 1.24 | 1.29 | 1.32 | ..... | ..... | ..... | ..... |  |
| Do | 1 | 4.40 a.m. | 8.10 a.m. | 1.08 | 4.40 a.m.. | 5.05 a.m.. | 0.00 | 0.07 | 0.24 | 0.50 | 0.62 | 0.68 | 0.71 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Do | 1 | 11.55 a.m. | 8.30 p.m. | 2.05 | 12.10 p.m.. | 12.45 p.m.. | T. | 0.08 | 0.18 | 0.28 | 0.41 | 0.47 | 0.52 | 0.59 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Cienfuegos, Cuba | 2 | 1.35 p.m. | 3.20 p.m. | 0.93 | 5.14 p.m.. | 5.30 p.m.. | 1.25 | 0.20 | 0.47 | 0.57 | 0.62 | 0.63 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Do | 4-5 | 3.50 p.m. | 3.25 p.m. | 3.90 | 5.55 a.m.. | 6.35 a.m.. | 1.00 | 0.25 | 0.43 | 0.60 | 0.74 | 0.83 | 1.00 | 1.11 | 1.17 | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Do | 21 | 5.53 p.m. | 6.30 p.m. | 0.82 | 5.51 p.m.. | 6.20 p.m.. | T. | 0.10 | 0.26 | 0.48 | 0.64 | 0.78 | 0.82 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Havana, Cuba | 30 | 2.07 a.m. | 3.25 a.m. | 0.72 | 2.10 a.m.. | 0.01 | 0.20 | 0.38 | 0.53 | 0.61 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Kingston, Jamaica.... | 6-7 | 8.20 p.m. | 11.55 a.m. | 5.23 | 3.85 a.m.. | 4.25 a.m.. | 0.52 | 0.09 | 0.17 | 0.19 | 0.21 | 0.36 | 0.38 | 0.47 | 0.58 | 0.72 | 0.85 | ..... | ..... | ..... | ..... |  |
| Port of Spain, Trin.... | 26 | ..... | ..... | 1.45 | 4.35 a.m.. | 5.15 a.m.. | 0.93 | 1.09 | 1.25 | 1.47 | 1.61 | 1.77 | 1.92 | 2.00 | 2.19 | 2.56 | ..... | ..... | ..... | ..... | ..... |  |
| Puerto Principe, Cuba | 4-5 | 3.30 a.m. | D. N. | 3.39 | 3.45 p.m.. | 4.03 p.m.. | 1.85 | 0.20 | 0.50 | 0.75 | 0.80 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 0.75 | ..... | ..... |  |
| Do | 8 | 2.37 p.m. | 8.50 p.m. | 2.76 | 8.00 p.m.. | 8.45 p.m.. | 0.03 | 0.16 | 0.47 | 0.66 | 0.66 | 1.15 | 1.33 | 1.59 | 1.75 | 1.81 | 1.84 | 1.87 | ..... | ..... | ..... |  |
| Roseau, Dominica | 13 | ..... | ..... | 1.49 | 3.27 p.m.. | 3.57 p.m.. | 0.05 | 0.25 | 0.47 | 0.62 | 0.83 | 1.09 | 1.21 | ..... | ..... | ..... | ..... | 0.60 | ..... | ..... | ..... |  |
| San Juan, Porto Rico.. | 27 | 12.50 p.m.. | 3.20 p.m.. | 0.77 | 1.35 p.m.. | 2.20 p.m.. | 0.02 | 0.08 | 0.25 | 0.38 | 0.45 | 0.50 | 0.54 | 0.63 | 0.68 | 0.72 | 0.74 | 0.75 | ..... | ..... | ..... |  |
| Santiago de Cuba | 8-4 | 7.15 a.m. | 3.50 p.m. | 18.08 | 9.43 a.m..† | 10.45 a.m..† | 0.41 | 0.41 | 0.74 | 0.92 | 1.06 | 1.12 | 1.39 | 1.82 | 2.24 | 2.29 | 2.38 | 2.59 | ..... | ..... | ..... |  |
| Santo Domingo, S. D.. | 25 | 12.30 p.m.. | 2.40 p.m.. | 1.10 | 11.05 a.m..† | 12.10 p.m..† | 3.14 | 0.29 | 0.51 | 0.58 | 0.63 | 0.86 | 0.92 | 0.98 | 1.13 | 1.36 | 1.34 | 1.54 | ..... | ..... | ..... |  |
| Willemstad, Curaçao .. | 23 | 3.40 a.m. | 7.34 a.m. | 1.98 | 12.45 p.m..† | 2.05 p.m..† | 5.02 | 0.16 | 0.42 | 0.66 | 0.77 | 0.87 | 0.99 | 1.07 | 1.12 | 1.16 | 1.21 | 1.31 | 1.65 | ..... | ..... |  |
| | | | | | 3.15 p.m..† | 4.30 p.m..† | 6.89 | 0.14 | 0.54 | 0.86 | 1.16 | 1.40 | 1.75 | 1.98 | 2.24 | 2.52 | 2.74 | 3.15 | 3.54 | ..... | ..... |  |
| | | | | | 11.05 p.m..† | 11.50 p.m..† | 10.99 | 0.06 | 0.27 | 0.32 | 0.50 | 0.59 | 0.78 | 0.87 | 0.98 | 1.06 | 1.09 | 1.11 | ..... | ..... | ..... |  |
| | | | | | 7.45 a.m..† | 9.30 a.m..† | 12.51 | 0.08 | 0.18 | 0.36 | 0.50 | 0.65 | 0.80 | 0.93 | 1.00 | 1.16 | 1.27 | 1.30 | 1.73 | 1.96 | 2.16 | |
| | | | | | 11.30 a.m..† | 12.10 p.m..† | 15.79 | 0.08 | 0.12 | 0.15 | 0.19 | 0.37 | 0.67 | 0.90 | 1.09 | 1.11 | 1.14 | 1.23 | ..... | ..... | ..... |  |

*Self register not working.

† September 3.

‡ September 4.

TABLE X.—Data furnished by the Canadian Meteorological Service, September, 1900.

TABLE XI.—Heights of rivers referred to zeros of gages, September, 1900.

| Stations. | Distance to mouth of river. | | Highest water. | | Lowest water. | | Mean stage. Monthly range. | Stations. | Distance to mouth of river. | | Highest water. | | Lowest water. | | Mean stage. Monthly range. |
|------------------------------|-----------------------------|---------|----------------|------------|---------------|---------------|-------------------------------|-----------|-------------------------------|---------|----------------|---------|---------------|----------------|-------------------------------|
| | Danger line on gage. | Height. | Date. | Height. | Date. | Feet. | Feet. | Feet. | Danger line on gage. | Height. | Date. | Height. | Date. | | |
| <i>Mississippi River.</i> | Miles. | Feet. | Feet. | Feet. | Feet. | Feet. | Feet. | Feet. | <i>Cumberland River.</i> | Miles. | Feet. | Feet. | Feet. | Feet. | |
| St. Paul, Minn. | 1,954 | 14 | 6.0 | 25-28 | 3.9 | 9 | 5.2 | 2.1 | Burnside, Ky. | 434 | 50 | 1.6 | 14-23 | — 0.2 | 1.8 |
| Reeds Landing, Minn. | 1,884 | 12 | 7.3 | 16, 17 | 3.8 | 11 | 5.3 | 3.5 | Carthage, Tenn. | 257 | 40 | 2.0 | 24 | — 0.2 | 1.8 |
| La Crosse, Wis. | 1,819 | 12 | 8.8 | 20 | 5.3 | 11 | 6.8 | 3.5 | Nashville, Tenn. | 175 | 40 | 3.3 | 24 | 1.0 | 1.9 |
| Prairie du Chien. | 1,759 | 18 | 8.7 | 25-26 | 5.0 | 11, 12 | 6.4 | 3.7 | | | | | | | |
| Dubuque, Iowa. | 1,699 | 15 | 8.3 | 26-29 | 4.6 | 1 | 6.0 | 3.7 | <i>Arkansas River.</i> | 736 | 10 | 2.4 | 28 | 1.4 | 1.8 |
| LeClaire, Iowa. | 1,609 | 10 | 5.2 | 26-30 | 2.5 | 3-12 | 3.4 | 2.7 | Wichita, Kans. | 413 | 23 | 9.2 | 30 | * 2.4 | 3.2 |
| Davenport, Iowa. | 1,593 | 15 | 6.4 | 27-30 | 3.6 | 1, 2 | 4.5 | 2.8 | Webbers Falls, Ind. T. | 351 | 32 | 8.8 | 30 | 1.8 | 12-15 |
| Muscatine, Iowa. | 1,562 | 16 | 7.7 | 28-30 | 4.8 | 1 | 5.7 | 2.9 | Fort Smith, Ark. | 256 | 21 | 4.5 | 30 | 0.8 | 17-19 |
| Galland, Iowa. | 1,472 | 8 | 8.8 | 30 | 2.0 | 17, 18 | 2.5 | 1.8 | Dardanelle, Ark. | 176 | 23 | 4.2 | 28 | 1.8 | 19, 19 |
| Keokuk, Iowa. | 1,463 | 15 | 6.6 | 30 | 3.2 | 18 | 4.1 | 3.4 | Little Rock, Ark. | 26 | 4.4 | 3 | 2.0 | 15-17 | 3.0 |
| Hannibal, Mo. | 1,402 | 13 | 7.6 | 30 | 4.2 | 12, 13, 15-19 | 5.0 | 4.7 | <i>White River.</i> | 150 | 26 | 4.4 | 3 | 2.0 | 2.4 |
| Grafton, Ill. | 1,306 | 23 | 8.2 | 30 | 5.6 | 18, 19 | 6.5 | 4.0 | <i>Yazoo River.</i> | 80 | 25 | 1.6 | 30 | 0.0 | 25 |
| St. Louis, Mo. | 1,264 | 30 | 10.4 | 6 | 6.0 | 19 | 8.1 | 4.4 | Yazoo City, Miss. | 49 | 25 | 1.6 | 30 | 0.6 | 1.6 |
| Chester, Ill. | 1,189 | 36 | 7.5 | 7 | 4.0 | 19 | 5.7 | 3.5 | | | | | | | |
| Memphis, Tenn. | 843 | 33 | 5.4 | 7, 8 | 1.9 | 25 | 3.0 | 3.5 | <i>Red River.</i> | 49 | 27 | 12.0 | 28 | 4.9 | 7.6 |
| Helena, Ark. | 767 | 42 | 9.7 | 9 | 4.8 | 25, 26 | 7.3 | 4.9 | Arthur City, Tex. | 688 | 28 | 12.4 | 30 | 3.8 | 6.2 |
| Arkansas City, Ark. | 635 | 42 | 10.4 | 11, 12 | 5.0 | 25, 26 | 8.0 | 5.4 | Fulton, Ark. | 449 | 29 | 5.1 | 28 | 14, 15 | 5.1 |
| Greenvale, Miss. | 595 | 42 | 8.4 | 11, 12 | 4.4 | 27 | 6.6 | 4.0 | Shreveport, La. | 139 | 33 | 1.6 | 30 | - 1.2 | 20 |
| Vicksburg, Miss. | 474 | 45 | 7.3 | 13, 14 | 2.4 | 28 | 5.3 | 4.9 | Alexandria, La. | | | | | - 0.2 | 2.8 |
| New Orleans, La. | 108 | 16 | 6.8 | 8 | 3.4 | 25 | 4.3 | 3.4 | | | | | | | |
| <i>Missouri River.</i> | | | | | | | | | <i>Ouachita River.</i> | 340 | 39 | 15.3 | 25 | 3.3 | 19, 20 |
| Bismarck, N. Dak. | 1,309 | 14 | 2.9 | 16 | 1.0 | 5 | 1.5 | 1.9 | Monroe, La. | 100 | 40 | 8.4 | 29, 30 | 0.5 | 22-24 |
| Pierre, S. Dak. | 1,114 | 14 | 3.4 | 19-21 | 1.9 | 5.11 | 2.6 | 1.5 | <i>Atchafalaya River.</i> | | | | | 3.5 | 7.9 |
| Sioux City, Iowa. | 784 | 19 | 6.2 | 1 | 4.8 | 9, 10 | 5.6 | 1.4 | Melville, La. | 100 | 31 | 9.8 | 10 | 5.7 | 29 |
| Omaha, Nebr. | 669 | 18 | 7.5 | 1 | 5.9 | 10, 11 | 6.7 | 1.6 | <i>Susquehanna River.</i> | 178 | 14 | — 2.0 | 1-10 | - 3.1 | 24-27 |
| St. Joseph, Mo. | 481 | 10 | 3.5 | 1 | 1.3 | 12 | 2.3 | 2.2 | Wilkesbarre, Pa. | 70 | 17 | 1.2 | 4 | 0.0 | 24-30 |
| Kansas City, Mo. | 888 | 21 | 11.3 | 29 | 6.7 | 15 | 8.3 | 4.6 | Harrisburg, Pa. | | | | | 0.4 | 1.2 |
| Boonville, Mo. | 199 | 20 | 9.2 | 3, 4 | 5.8 | 14-16 | 7.3 | 3.4 | <i>W. Br. of Susquehanna.</i> | 35 | 20 | 0.8 | 1 | 0.1 | 16, 17, 23-30 |
| Hermann, Mo. | 103 | 24 | 8.9 | 5 | 5.2 | 18 | 6.6 | 3.7 | Williamsport, Pa. | | | | | 0.3 | 0.7 |
| <i>Illinois River.</i> | | | | | | | | | <i>Juniata River.</i> | | | | | | |
| Peoria, Ill. | 135 | 14 | 8.2 | 3, 4 | 5.3 | 25 | 6.7 | 2.9 | Huntingdon, Pa. | 80 | 24 | 2.9 | 1-30 | 2.9 | 0.0 |
| <i>Youghiogheny River.</i> | | | | | | | | | Harpers Ferry, W. Va. | 170 | 16 | 0.5 | 1, 2 | 0.0 | 26-30 |
| Confluence, Pa. | 59 | 10 | 0.2 | 1, 2 | - 0.2 | 20-27 | 0.0 | 0.4 | <i>Potomac River.</i> | | | | | 0.3 | 0.5 |
| West Newton, Pa. | 15 | 23 | 0.1 | 1-4 | - 0.1 | 12-29 | 0.0 | 0.2 | <i>James River.</i> | | | | | | |
| <i>Allegheny River.</i> | | | | | | | | | Lynchburg, Va. | 257 | 18 | 1.6 | 17 | - 0.4 | 11-15 |
| Warren, Pa. | 177 | 14 | 0.0 | 1, 2 | - 0.3 | 15-30 | - 0.2 | 0.3 | Richmond, Va. | 110 | 12 | 1.6 | 17 | - 1.2 | 2-4, 9 |
| Oil City, Pa. | 128 | 13 | 0.8 | 1 | - 0.1 | 29, 30 | 0.2 | 0.9 | <i>Roanoke River.</i> | | | | | - 0.8 | 2.8 |
| Parker, Pa. | 73 | 20 | 0.7 | 1, 2, 8, 9 | - 0.4 | 29 | 0.1 | 1.1 | Weldon, N. C. | 90 | 40 | 15.1 | 18 | 6.7 | 14-16 |
| <i>Monongahela River.</i> | | | | | | | | | <i>Cape Fear River.</i> | 100 | 38 | 10.4 | 17 | 0.3 | 13 |
| Weston, W. Va. | 161 | 18 | - 1.0 | 1 | - 2.0 | 11-16 | - 1.7 | 1.0 | Fayetteville, N. C. | 75 | 6 | 2.3 | 22-28 | 1.3 | 2.2 |
| Fairmont, W. Va. | 119 | 25 | 0.1 | 1, 2 | - 0.6 | 19-30 | - 0.4 | 0.7 | <i>Edisto River.</i> | 145 | 27 | 8.2 | 18 | 0.4 | 13-15 |
| Greensboro, Pa. | 81 | 18 | 6.8 | 1 | 5.8 | 19-30 | 6.1 | 1.0 | <i>Pedee River.</i> | 60 | 12 | — 0.2 | 1-13 | — 0.5 | 3-0.3 |
| Lock No. 4, Pa. | 40 | 28 | 7.9 | 1 | 4.0 | 29, 30 | 5.8 | 3.9 | <i>Black River.</i> | 35 | 12 | 4.0 | 22 | 1.4 | 2.3 |
| <i>Conemaugh River.</i> | | | | | | | | | <i>Lynch Creek.</i> | 35 | 12 | 4.0 | 22 | 1.4 | 2.6 |
| Johnstown, Pa. | 64 | 7 | 1.8 | 1 | 0.4 | 27-29, 30 | 0.9 | 1.4 | <i>Santee River.</i> | 50 | 12 | 5.8 | 20, 21 | - 1.1 | 15, 16 |
| <i>Red Bank Creek.</i> | | | | | | | | | <i>Congaree River.</i> | 37 | 15 | 2.0 | 17 | - 0.6 | 14 |
| Brookville, Pa. | 35 | 8 | 0.3 | 30 | - 0.4 | 10-29 | - 0.3 | 0.7 | <i>Wateree River.</i> | 45 | 24 | 7.4 | 18 | 1.5 | 29 |
| <i>Beaver River.</i> | | | | | | | | | <i>Waccamay River.</i> | 40 | 7 | 1.9 | 1-3, 30 | 0.8 | 1.1 |
| Ellwood Junction, Pa. | 10 | 14 | 2.3 | 1, 4-7 | 0.5 | 29, 30 | 1.8 | 1.8 | <i>Savannah River.</i> | 247 | 6.9 | 16 | 20 | 18, 14, 28, 29 | 2.9 |
| <i>Great Kanawha River.</i> | | | | | | | | | <i>Calhoun Falls, S. C.</i> | 208 | 32 | 15.6 | 17 | 5.3 | 10.3 |
| Charleston, W. Va. | 61 | 30 | 7.7 | 18 | 6.0 | 12-16 | 6.5 | 1.7 | <i>Broad River.</i> | | | | | | |
| <i>Little Kanawha River.</i> | | | | | | | | | <i>Carlton, Ga.</i> | 30 | 5.5 | 15 | 20 | 12, 13 | 2.5 |
| Glenville, W. Va. | 100 | 24 | 0.0 | 1-5 | - 2.4 | 22 | - 1.7 | 2.4 | <i>Flint River.</i> | | | | | | |
| <i>New River.</i> | | | | | | | | | <i>Albany, Ga.</i> | 239 | 20 | 12.6 | 16 | 2.2 | 13 |
| Hinton, W. Va. | 95 | 14 | 4.1 | 17 | 0.8 | 11-15 | 1.4 | 3.3 | <i>Chattohoochee River.</i> | 80 | 20 | 4.6 | 17, 18 | 0.9 | 30 |
| <i>Cheat River.</i> | | | | | | | | | <i>Westpoint, Ga.</i> | 20 | 12.6 | 16 | 22 | 2.2 | 10.4 |
| Rowlesburg, W. Va. | 36 | 14 | 1.2 | 1 | - 1.2 | 22 | - 0.2 | 2.4 | <i>Ocmulgee River.</i> | 125 | 20 | 13.3 | 16 | 1.7 | 14 |
| <i>Ohio River.</i> | | | | | | | | | <i>Macon, Ga.</i> | 60 | 30 | 6.0 | 19 | - 0.3 | 13 |
| Pittsburg, Pa. | 966 | 22 | 6.1 | 10 | 5.1 | 17 | 5.7 | 1.0 | <i>Oconee River.</i> | 60 | 30 | 6.0 | 19 | 1.2 | 6.3 |
| Davis Island Dam, Pa. | 960 | 25 | 3.0 | 1 | 1.1 | 19-21 | 1.7 | 1.9 | <i>Dublin, Ga.</i> | 60 | 30 | 6.0 | 19 | 1.2 | 6.3 |
| Wheeling, W. Va. | 875 | 36 | 3.0 | 1 | 0.3 | 23-26, 28, 29 | 2.1 | 2.7 | <i>Coosa River.</i> | 225 | 30 | 11.1 | 16 | 0.8 | 10-14 |
| Parkersburg, W. Va. | 785 | 36 | 4.8 | 1 | 1.2 | 27-29 | 2.4 | 3.6 | <i>Rome, Ga.</i> | 144 | 18 | 10.7 | 17 | 0.0 | 13, 14 |
| Point Pleasant, W. Va. | 703 | 39 | 8.7 | 18 | 1.3 | 26, 27, 30 | 2.0 | 2.4 | <i>Gadsden, Ala.</i> | | | | | 1.9 | 10.7 |
| Huntington, W. Va. | 660 | 50 | 6.2 | 1 | 2.7 | 28 | 4.3 | 3.5 | <i>Alabama River.</i> | 265 | 35 | 17.2 | 17 | 1.0 | 13 |
| Catlettsburg, Ky. | 651 | 50 | 4.4 | 1 | 1.2 | 16 | 2.5 | 3.2 | <i>Montgomery, Ala.</i> | 212 | 35 | 19.4 | 19 | 0.6 | 13 |
| Portsmouth, Ohio. | 612 | 50 | 6.1 | 1 | 2.3 | 28, 27 | 3.5 | 3.8 | <i>Selma, Ala.</i> | | | | | 5.2 | 18.8 |
| Cincinnati, Ohio. | 499 | 50 | 7.7 | 1 | 8.5 | 19, 20 | 5.0 | 4.2 | <i>Tombigbee River.</i> | | | | | | |
| Madison, Ind. | 413 | 46 | 7.5 | 1 | 3.4 | 21 | 4.8 | 4.1 | <i>Columbus, Miss.</i> | 303 | 33 | — 0.6 | 5 | - 3.1 | 2.5 |
| Louisville, Ky. | 367 | 28 | 4.7 | 1 | 2.1 | 21-22 | 3.0 | 2.6 | <i>Demopolis, Ala.</i> | 155 | 35 | 5.9 | 18 | - 0.2 | 28-30 |
| Evansville, Ind. | 184 | 35 | 5.9 | 1 | 1.5 | 25 | 3.4 | 4.4 | <i>Black Warrior River.</i> | 129 | 43 | 10.6 | 16 | 0.7 | 30 |
| Paducah, Ky. | 47 | 40 | 4.4 | 4, 5 | 1.6 | 19, 20 | 2.8 | 2.8 | <i>Brazos River.</i> | 21 | 22 | 22.0 | 27 | - 2.0 | 4-5 |
| Cairo, Ill. | 1,073 | 45 | 11.4 | 5, 6 | 5.8 | 21-22 | 8.4 | 5.6 | <i>Kopperl, Tex.</i> | 22 | 22 | 22.8 | 28 | 6 | 6 |
| <i>Muskogee River.</i> | | | | | | | | | <i>Waco, Tex.</i> | | | | | 7.4 | 22.5 |
| Zanesville, Ohio. | 70 | 20 | 7.6 | 6 | 5.8 | 19, 20, 23-27 | 6.4 | 1.8 | <i>Columbia River.</i> | 170 | 25 | 6.7 | 1 | 4.7 | 25, 26 |
| <i>Scioto River.</i> | | | | | | | | | <i>Umatilla, Oreg.</i> | 270 | 40 | 9.2 | 1 | 6.1 | 26 |
| Columbus, Ohio. | 110 | 17 | 2.3 | 1-4 | 1.9 | 25 | 2.1 | 0.4 | <i>The Dalles, Oreg.</i> | 166 | 40 | 9.2 | 1 | 6.1 | 26 |
| <i>Miami River.</i> | | | | | | | | | <i>Willamette River.</i> | | | | | 7.4 | 31 |
| Dayton, Ohio. | 69 | 18 | 1.0 | 9, 17 | 0.6 | 15, 16, 17 | 0.8 | 0.4 | <i>Albany, Oreg.</i> | 99 | 20 | 1.0 | 13-19 | 0.6 | 29, 30 |
| <i>Wabash River.</i> | | | | | | | | | <i>Portland, Oreg.</i> | 10 | 15 | 4.4 | 9, 10 | 2.3 | 18, 19 |
| Mount Carmel, Ill. | 50 | 15 | 8.2 | 6-8 | 1.6 | 21-22 | 2.3 | 1.6 | <i>Sacramento River.</i> | | | | | 3.3 | 2.1 |
| Falmouth, Ky. | 30 | 25 | 1.2 | 1 | | | | | | | | | | | |